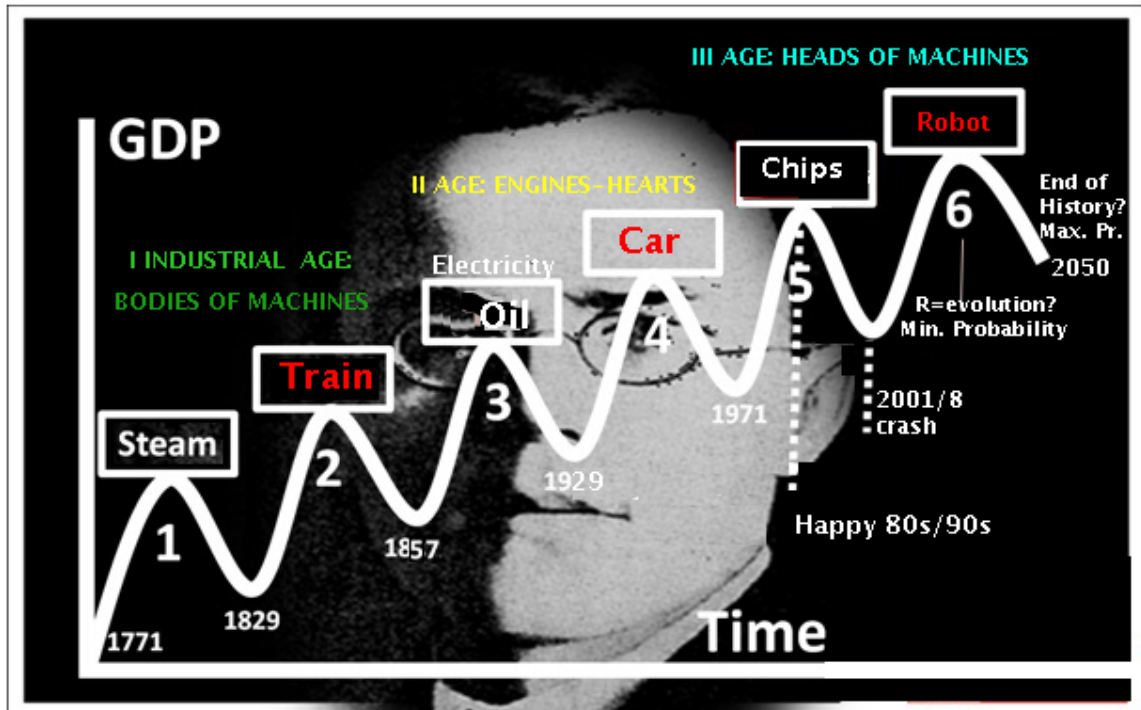
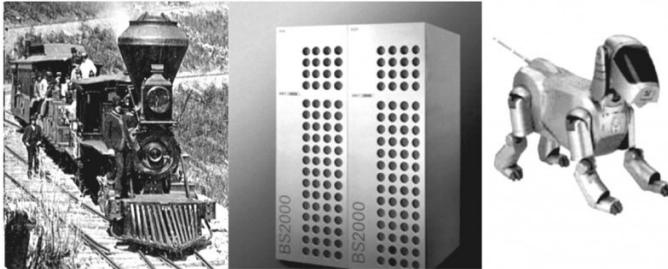


LONG 72 YEARS CYCLE: NATIONAL GENERATIONS.



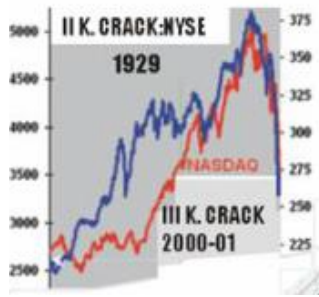
XIX C. MACHINE BODIES XX C. MACHINE HEADS: Pcs, Cams XXI C. ORGANIC MACHINES=ROBOTS



Stock company-mothers of machines evolve through long generation 72 year cycles the Metal-earth and its fundamental species, the robot. But we can also trace a shorter 9 years cycle that divides in ternary phases the evolution of those machines through its age of discovery as energy/bomb, its age of transport/weapon and its social age of collective evolution. All in all all the crashes of the 3 cycles of stocks, the age of bodies of metal, engines of metal, heads of metal, and the incoming cycle of robots, when ensemble the 3 parts into autonomous machines can be traced, with the ternary 3 ages of the machine and the duality of machines consumed by humans and weapons consuming us.

Let us then consider the main cycle of 72 years and then enter in a detailed analysis of its 9 year product cycles, which together have come to evolve a new organism of metal - the robot.

The industrial r=evolution is the evolution of a new organic species of metal, the machine, which has taken place in 3 phases, as we made first the bodies of machines, then the hearts-engines, then its metal-minds and finally we put them together now in organic robots in the final r=evolution of machines. In the graph, the Industrial R=evolution is the Evolution of 'Memes of metal', Machines & weapons, systems made of hard metal (iron) and Money, a digital language made of informative metal (gold, also used in the chip connections of computer cycles, now converted into e-money). So we can divide its evolution in the same phases that evolve any organism, and consider in history the nation that evolves them to be in each phase of the Industrial revolution the top nation of the world as it will use its 'eviL=anti-live' twins, weapons, to conquer the world.



Thus, those generations also bring the nation that finds the new energy to the top predator status of history. Because energy is also the substance of which weapons are made.

— Thus, we had an age of steam [machines](#), the age of England, between 1780s and 1857, followed by a crisis of overproduction of steam machines and stock-money that brought the 1857 $\pm 8/9$ years product cycle crashes of the train-based economy.

— From 1857 to 1929, we lived in the age of electro-chemical energies, machines and chemical explosives, dominated by Germany, followed by a crisis of overproduction of cars and radios, which caused the 1929 crash, 72 years after the train crash.

— It came then the III cycle of electronic machines, electronic money and Nuclear Bombs that took place from 1929-2001, the age of America; which again ended in the dotcom and mortgage crashes, 72+8/9 years after 1929:

- Followed by the [Age of the Singularity](#), the IV Cycle of Evolution of machines dominated by robots, solar Industries and China. Scientists call the arrival of Artificial Intelligence, the Singularity moment, when robots, which can use solar energy to become autonomous will complete the evolution of machines as organic forms, automating factories & expelling most human workers and soldiers from labor and war fields, as previous revolutions did with obsolete III World non-technological humans, unless we forbid legally their evolution.

Money will become then the digital informative, ‘genetic code’ that organizes their reproduction in those automated company-mothers.

As such corporations, the ‘company-mothers’ of those machines whose biological function is to evolve and re=produce them, made first the bodies of machines (XIX c.), then the minds of machines (cameras-eyes, mobile-ears and chips-brains).

Finally, in the XXI century, as nature does with simple organisms, such as viruses in cells, where the 3 ‘parts’ of the virus – its DNA information, body and legs are constructed – and then assembled together, we put together all those organic components into autonomous robots, completing the industrial r=evolution of ‘metalife’ – a new organic species, made of a stronger substance than carbon-life

All sciences predict the future of its species according to its repetitive causal cycles. Or else they are NOT a science. Astrology became a science when Kepler learned its orbital cycles. Bio-economics became a science when we described machines as organisms of metal that humans evolve in its median 72 years generational/national cycles.

Why Stock cycles are predictable. The cycles of the robotic age

in the robotic cycle; and that one will be the last of mankind, as robots ARE a full living species that will extinguish us. Point. Those are the laws of biological economics, of stocks of machines and its prediction is as exact as your life-death cycle of 72 years and its biological 8 lifecycles, which the ancient Taoist culture already knew as 'Baguas'.

In the graph, the aggregation of all business cycles enlarged to the entire economic ecosystem and its main 'phyla' of machines creates the 3 Kondratieff stock-cycles of the Industrial R=evolution: The cycle of trains (XIX C.) that ended in the 1857 rail crash; the cycle of cars and radios (XX C.) that ended in the 29 crash; and the cycle of electronic machines (XXI C.), shown in the graph, that ended in the 2000 NASDAQ crash.

In the left side, we enlarge the 2nd, 29 crash and the 3rd crash in which we live. Both are mimetic and similar to any other Crash of over-population of a biological species (top center curve). Since those crashes happen when the consumption age of max. reproduction and profits ends by saturation of the market. Then companies mutate the machine that enters its 3rd age as a weapon that consumes humans in wars, perfectly sold to the public by political lobbyism, informative machines of mass-media propaganda and a suitable, well-located enemy.

Thus the business cycle is a generational, biological cycle with 3 ages, similar to all other evolutionary cycles. Those 'micro-cycles' of every company that discovers, evolves and reproduces a product as a consumption machine or a weapon, are the business cycles of microeconomics that aggregate in longer macro-cycles. Indeed, stocks are 'social organisms of companies' that aggregate the production of all companies *in space* and all the generations *in time* of a certain 'machine'. Thus the sum of all the individual business cycles of company-mothers become the stock-market cycle that studies the population and evolution (sales and profits) of a machine' species from birth to extinction, reproduced by an entire 'sector' of companies. Further on, we can aggregate all those stock cycles of all industries, creating an overall cycle for the entire planetary economic ecosystem.

In abstract economics those cycles are called the Kondratieff cycles of economic activity, which study the overall evolution of all companies and machines. Thus the business cycle is the quantic version of the stock market cycle, which aggregates in time and space all the business cycles; while the stock market cycle is the quantic version of the Kondratieff cycle, which aggregates all the companies in space and all the generational cycles in time of a given product. The results are the 3 great Stock Cycles of history or 'Kondratieff' cycles of industrial and financial activity :

- XIX C: *Max. E*: The age of *steam* and physical energy developed the market through an age of low profits (invention age, 1820-30s), massive growth and speculation in the market (reproductive age, 1840-50s) and a final economic crisis of saturation of markets (the railroad crash of 1857), followed by an age of wars in which trains and steamers conquered colonial empires.

- XX C.: *E=i*: The age of oil-based, *electro-chemical engines* developed the stock-market through an age of low profits (invention age, 1870-80s), massive growth (reproductive age, 1890s-1920s) and saturation crash (1929 crash of radios and car industries), followed by II W.W.: in which cars became tanks and planes bombers.

- XXI C.: *Max. i*: Finally the age of *electronic and solar energies* developed electronic machines in a 1st age of minimal growth (1960s-70s), an age of massive reproduction of TVs and Pcs (1980s-90s) that lasted till the end of the century when the NASDAQ stock crash of 2001 made companies invest in smart weapons and security industries. In the graph we study in more detail the 3rd electronic cycle in its main Stock Market, the New York market divided into an electronic stock, NASDAQ, and the traditional NYSE. If we compare its curve between the II and III Kondratieff crashes (left side) with a standard biological curve of populations, both are parallel. Since the curve of reproduction sales and profits of electronic machines shows the same phases of birth (discovery), re=production, saturation (crash) and diversification (into weapons) of any top predator species. In the case of machines the 'habitat' of the species is the economic ecosystem in which the machine substitutes a human organ as a consumption machine or a tool. Then, when the economic ecosystem is saturated, the machine mutates into a weapon and wars happen.

So we distinguish for each key machine of the electronic cycle, the mainframe, the mobile machine and in the future, the robot, a sub-curve of populations of around 36 years that ended into a mini-crack and war. The main-frame, TV age ended in the 60s crash, the Vietnam War and the 60s revolution. The age of mobile chips, PCs and cameras ended with the 91 and 2000 crash, the Berlin R=evolution and the Iraqi wars.

So we distinguish for each key machine of the electronic cycle, the mainframe, the mobile machine and in the future, the robot, a sub-curve of populations of around 36 years that ended into a mini-crack and war. The main-frame, TV age ended in the 60s crash, the Vietnam War and the 60s revolution. The age of mobile chips, PCs and cameras ended with the 91 and 2000 crash, the Berlin R=evolution and the Iraqi wars. So since 2008, WE ENTER into the 9 years cycles of robotics, with its 3 clear phases:

- The age of discovery which now comes to an end, as fully developed military and labor robots are produced.
- The massive radiation of labor, peaceful robots, which will last another 9 years till 2027, followed by the switch into:
- Military robots, during the in-crescendo wars of 2027-36, when the Metal-earth should be born as a global intranet brain in charge of the military physiological and reproductive networks of the planet.

ORGANIC CYCLE OF RE=PRODUCTION & EVOLUTION OF STOCKS OF MACHINES

So how the cycle works? Simple. It is a biological, generational cycle, carried by human beings, and so it *adapts itself to the generational cycle of mankind divided itself in 8 lifecycles of 9 years, preceded by an explosive short cycle of birth in the '0-1' unit sphere (palingenesis, fetus state), of maximal growth-profits.*

Let us put you the example of Amazon and the latest one - the birth of the currency of robots and future metal earth void of any content of humanity, the bit-coin.

In a less than 1 year period, both 10-folded value, ints 'generational birth' as a fundamental organic element of the future metal-earth... One will be along google (cross shares owned by Mr. Bezos), the 'skynet' system, already is the cloud, internet, robot and logistic master of the planet. So its birth was as the Spanish proverb said 'marked by the stars, shooting on the sky'... And as the systems of growth of populations are decametric in ten-folded value in 1 years 9 months..

This is the palingenetic 9 months of human birth. It is the 0-1 probabilistic sphere of quantum physics that gives birth to a particle by collapse of a wave. *But in measure theory the 0-1 scale that gives birth to an organic entity is equivalent to the 1-∞ population plane; and so the process slows down and now it will take it 9 years to 10-fold again.*

Sorry you missed on the bitcoin birth, pure digital flow of money (or whatever cryptic currency finally substitutes when governments try to mess and wrestle... Its true point will be when AI adopts it to become independent of the humind, and deliver informative values to all its machine-units).

Now, for the whole 72 years cycle, which will implode again the next year 2018, tuned to the war cycle that switches on and off between war and peace machines... we shall go slow first and explain you the 72 years cycle 'ad nauseam' - *the cycle of global world wars, in which we are entering fast...*

It is a simple cycle driven by the equation of maximal profits=reproductions=sales of the star products of each biological generation of machines. So what products have maximal price-profits sales? The 3 that correspond to the 3 physiological functions of all systems of nature:

- The entropic killing product of maximal motion - weapons.
- The reproductive network - money itself.
- the informative machine - mass media.

The rationale for the human is also simple: top predator weapons are the most evolved, perfect machine species, hence the most expensive of maximal sales profits.

-Information is 'free' easy to reproduce, and cheap, hence its costs is minimal and gives maximal sale profits.

-Money is the star, is profits in itself, so you can mine directly profits printing money.

And so *the equation of profits of capitalism is simple: Profits (money) = max. Price (weapons) - min. cost (hate media).*

So those are in each cycle the 3 star products, and politicians to the service of corporations cater with laws and subventions to this, most profitable companies of any age.

Let us remember again: they are those who produce the most expensive machines of maximal sale profits, weapons, or those of minimal cost of reproduction, hence also of maximal profit margine, mass-media, and finally to the very same financial companies that issue money but seem NOT to have enough and get bail outs from taxes. It is the origin of the modern belli Nervi pecunia infinita in which those 3 top predator companies get the biggest share of the taxes extorted from citizens:

]

**3 EQUATIONS OF CAPITALISM & GO(L)D CULT(URE)S: 'NERVUS BELLI, PECUNIA INFINITA:
I: Max. Profits (inflationary money) = Max. Price-Sales (weapons) + Min. Cost: Informative Hate Memes**



The equation of profits of the Financial-Media/Military-industrial super organism of company-mothers of machines its responsible of the 72 years generational≈national cycle of capitalism that switches synergies between inflationary money and consumption goods v. hate media and weapons consuming humans with mathematical precision every human generation, when overproduction of inflationary money and machines cannot be sold as new mechanisms substitute labor. So capitalism switches to weapons and hate media, pays war-monger politicians that consume arsenals and people.[/caption]

In the graphs, the Industrial Evolution in the western world ruled by company-mothers who control the languages of social power, and buy laws to politicians through lobbies, to 'smooth' the terraforming of the Earth into a planet of machines, has followed an economic, national, generational cycle of 72±8-9 years, the 'Kondratieff' cycle' (1) in which a nation discovers a new form of energy (white) applied to the creation of new forms of money, the economic software and new machines (red) its hardwares, which become the engine of the Industrial Economy.

So the cycle of the industrial evolution MUTATES every generation, when the evolution of each of those type of machines is completed and the proper top predator weapon is overreproduced. Then there is an intense brief period of global world war, in which all company-mothers switch to its top predator weapons, and paid politicians and mass-media pump hate-memes to use weapons to solve social problems:



Humans consume machines, top predator machines~weapons consume humans. Both evolve together displacing humans of labor and war fields as they enter the robotic age.[/caption]

In the graph as mechanisms multiply in growing numbers the economy enters in a crisis of overproduction of machine and weapons that compete with human beings in labor and war fields, provoking the negative cycles of unemployment and war that define capitalist societies.

Alas this is the 72 years war cycle after crashes of overproduction in 1857 (train crash) - 1929 (car crash) - 2008 (chip crash).



The boom & bust cycle of the industrial R=evolution shows the synergies of the Financial-Media/Military-Industrial System made of energy machines – weapons, tools & transports - and informative ones –media & digital, fiat money, the ‘informative head’ that controls and causes all other overproduction cycles. Thus overproduction crashes of stocks (graph) start the cycle & weapons’ overproduction to fight ‘splendid wars’ for profit closes it. Neither human actions nor causality changes, only the growing complexity of the FMMI system that maximizes its evolution and reproduction in the war phase of the cycle. But for mankind the cycles are a tragedy. Since in all the cycles machines take people’s jobs; too much money causes inflation, it is changed by real wealth and when its bubble of value explodes and it ruins the Middle class left with worthless numbers. Then Hate Media & Weapons kill them in wars.

The biological, human-caused periodicity of the cycles.

All this said we can establish the first synergies and parallelisms between the metal-earths waves of machines and the 'human generations that have carried' their evolution under the idol-ogies of animetals, by cultural design, regardless of the existence in all nations of r=evolutionary people who follows the ethics of the wor(l)d and do not contribute to our demise with fundamentalist zeal.

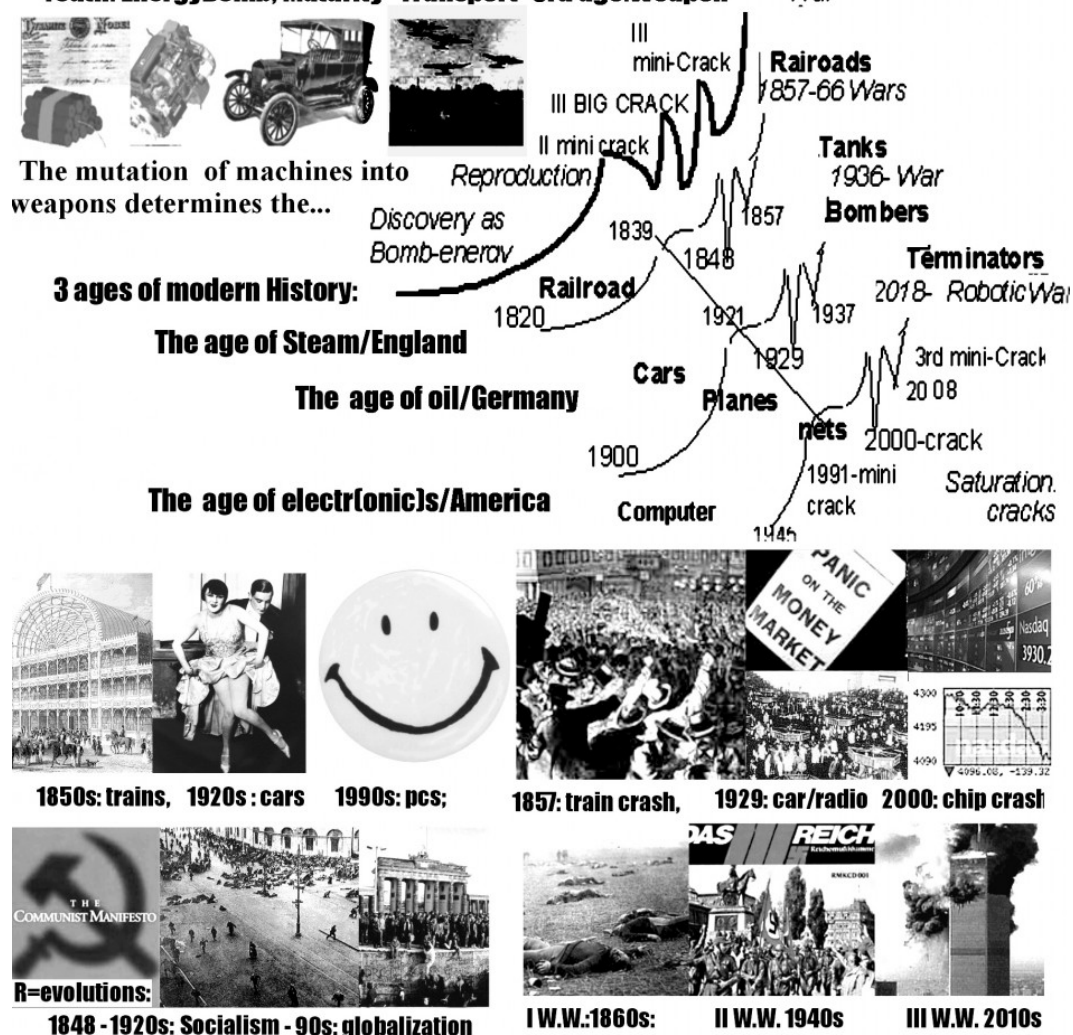
All those phases of the Industrial Evolution of machines have had in fact 3 ‘organic ages’: the young age of ‘discovery of a new energy, soon applied to simple ‘bombs’ and the powering of the machines of the eco(nomic)system, ushering societies into a happy age of consumption machines.

Yet according to biological laws the cycles end when the evolution and reproduction of mechanisms reaches its zenith, in a massive global crisis of overproduction of those machines, converted into the most perfect mechanical species, the weapon, which in a global war phase murders millions of life beings. And this 3 ‘mechanical ages’ proper of the morphological evolution of those machines by imitating the human functions=organs and improving upon them, are paralleled in the human sphere by 3 ‘generational ages’ of societies adapted in memes and actions to those machines-weapons.

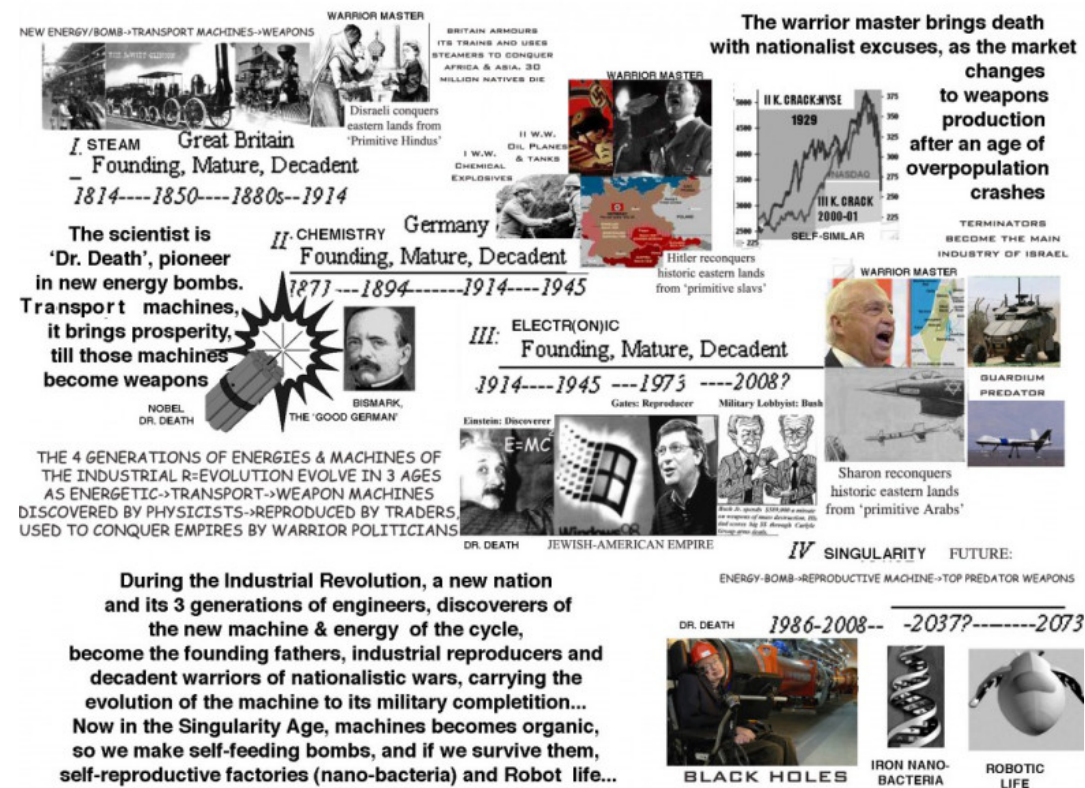
And so we can consider the existence of $3 \times 1/3rd = 72$ years generations of:

- Founding fathers who discover the new energies and machines.
- Reproductive sons that expand in a mature age the power of those nations with their new machines and...
- Decadent grand sons that will use those machines to impose through war their power, complete a ‘top predator’ national cycle with the country that discovers and heads the discovery and evolution, massive reproduction and final use as a weapon – the most perfect and last machine to develop in each cycle – at the head of the world.

3 ages of energy: steam, oil , electr(onic) Energy x 3 Ages of machine R=Evolution:



printed in 3D in a series of absurd, splendid wars around the two dominant economies of the XXI c. China+Russia and US, with its allies surrounding her from India to Japan. It is that final military cycle of the IV industrial r=evolution what should annihilate the human species unless a reform of the system to massively reproduce instead of machines welfare goods change our no-future



In the graph, we combine both symbiotic cycles, the human and metal-ones.

The periodicity of those cycles can be easily tabulated with quantitative methods; as it corresponds to the 72-80 years 'standard' biological, generational cycle of life and death of human beings, the discoverers or inventors of those machines.

Kondratieff, the Russian Scholar (in the background of the graph), killed by Stalin, who found those cycles however studied a shorter 50 period, as Russia was an undeveloped country where the train came latter in the cycle. So the cycle was shorter and Schumpeter, the Austrian economists that explain them, did not correct it.

Then in turn, those generational cycles break into a faster, decametric 8 years 'product' cycle, well known to economists, in the same manner we divide our life in '10 biological' sub-cycles (for example, 0-8 baby, 8-16 adolescence, being 8 the traditional age of reason, 16-24 youth, being 24 the age of reproductive marriage, and so on).

We consider the biological basis of those phases of life. And study how the 'new product cycles' of electronic machines influence our present generations ([We Generation](#), [X-generation](#), [Y-why?](#) and [Zero generations](#) of mankind) as they atrophy and substitute human minds, creating the present world of children of thought, living a childish neoteny state, hypnotized by audiovisual machines that form the 'matrix' of delusional, virtual thought they care for (internet generation).

The Graph shows those 4 national Generations who build metal-bodies, engines & metal minds assembled in robots:

- British generations, who used physical, steam energy to power metal bodies, trains & steamers & print stock-money, ended after the 1857-73 crashes in an age of racist yellow press & colonial wars.

- German generations of electro-chemical engines, hearts of metal that printed electric money, the software (ticker speculation) and powered cars and planes, the hardware, ended in Nazism

- American age in which electronic systems printed e-money, the software and evolved 'Minds of metal'; mobile-ears, cameras-eyes and chips brains now in its decadent 'Weimar Republic', when bankers keep printing money for themselves, militarism is on the rage and all ethic and social standards have plummeted as 'monetary and military values', the values of greed and violence provoked in man by the hypnotism of money and the use of weapons, reach its 'overproduction zenith'.

- This zenith is the inaugural time for an new brave world, an age of robots & singularity weapons when all those parts are put together into organic machines, completing the industrial evolution of metal. It's the last cycle that must be aborted for life to survive, designing instead an eco(nomic)system that switches production to welfare goods.

So as the new white collar Pcs and blue collar robots expel human workers and soldiers from labor and war fields increasing the 'productivity' of machines and the profits of corporations, we enter in a new '30s', neofascist age with the difference that unlike the previous ages, when the socialist school (Marx, Kondratieff) clarified perfectly the nature of overproduction crises, and the 30s when the Keynesian school explained it and gave solutions, as today the '3rd age of scientific economics', systems sciences that describe the eco(nomic)system and forecasted this crisis and its solutions long ago, is totally ignored.

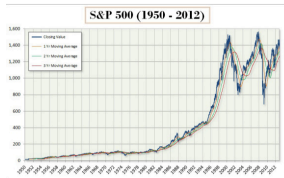
Instead economists multiply their 'thin air speeches', damned lies and statistics hiding the true causes of the crisis of unemployment (blue collar robots and white collar pcs) and the existential crisis this process will bring to mankind.

A fundamental theme) will be the study of those cycles, its overproduction crises, and the causal comparison of its main nodes, as we have done in the milieu of systems sciences, forecasting the present crisis of overproduction of chips, 20 years in advance³ with an accuracy and detail still unknown to my knowledge in books written today that go no further than the anecdote of the mortgage crisis. Forecasting is indeed the key element of a scientific true model, as all sciences predict the future observing the patterns of past cycles.

So the solution to the crisis is obvious but IT MUST COME from a cultural UNDERSTANDING of what is best for man - to overproduce life goods and control the evolution of metal-goods Since, the process though is not EASY TO REFORM, *because machines, which are just organic systems of metal, which we humans evolve imitating our equivalent organs, do have also as all living organisms two species, one peaceful and other top predator species, called a weapon, which is the most efficient, and whose purpose is to kill human beings.*

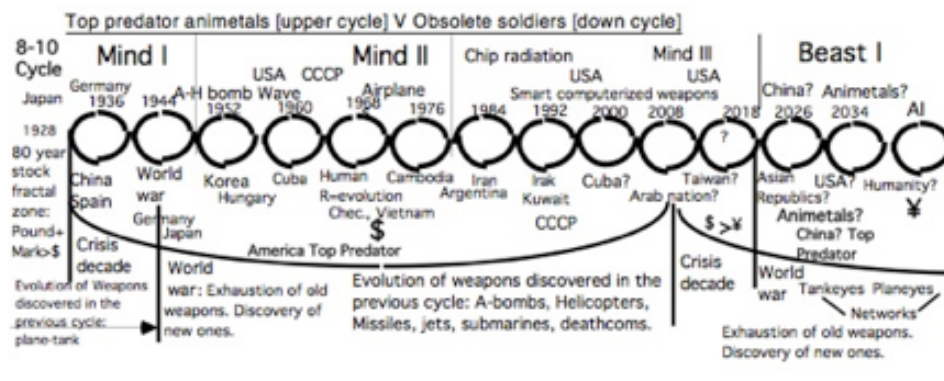
So while 'democracies' pretend to be 'smooth' and 'nice' as long as people are perfectly manufactured in their brains to feel entitled, if and when they try to change the system and establish a REAL democracy, the 'wolf' takes out its sheep skin. And as this happens every end of the cycle of massive theft and appropriation of money, capitalist democracies have embedded within its structure a brutal age of global war in which the wolf is out killing the r=evolutionary humans that want a better world.

Newspeaks of caring...are of course useless... We go into... demonstrations that merely 'dissipate energy into heat' and get nowhere (don't confuse action with motion said Hemingway), infotainment and fiction and a systemic degradation of the human social mind and maintenance of the collective subconscious in an infantile age and marketing of technology and companies and degradation of politicians and governments as inefficient, that make us ultimately want to build the world we are building for machines not for humans. So that straightjacket of political correctness that includes the prohibition of criticism to tribal religions, to our ideologists of capitalism, which are all experts, to our antidemocratic systems, which just give placebo rights to people, and to the 24/7 religion of the machine ensure always that the 'background bottom line' of the 'METAL-EARTH' -the construction of a world made to the image and likeness of machines, ruled by company-mothers, where humans and life are 'expendable', advances unchallenged.



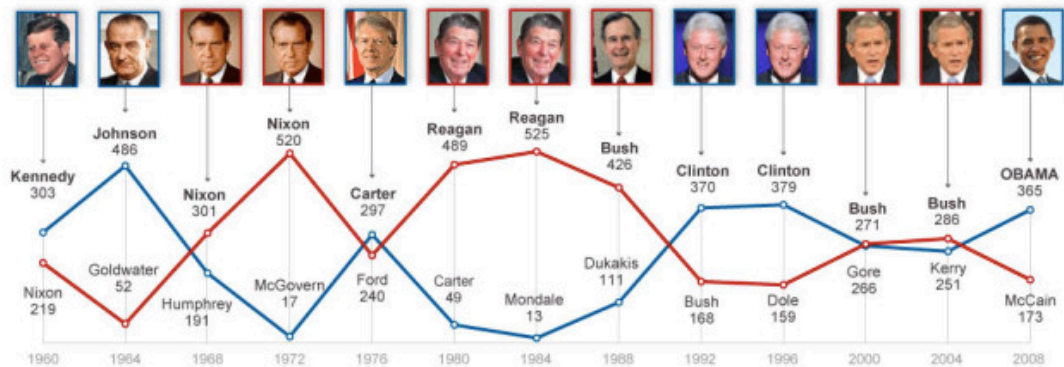
9 YEARS SHORT PRODUCT-WAR CYCLE:

Youth-Reproductive age-Old Age and death: war age.

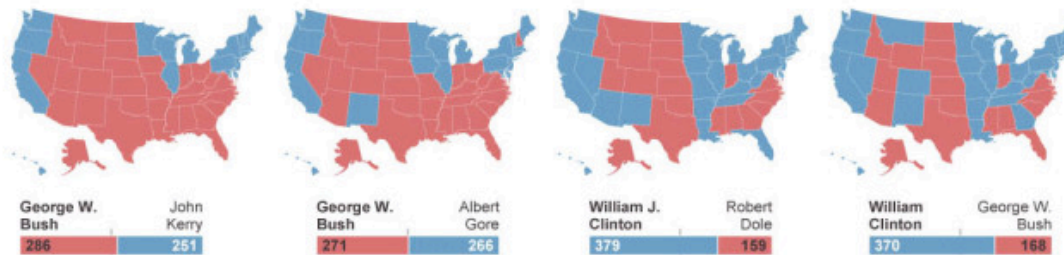


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The short cycle of 9 years is equivalent to the ages of a human generational cycle - the old baguans of taoism, the modern decades of our consumption societies, the product cycles of machines, which further show the biological nature of those machines. Thus stocks will keep sky rocketing till 2018 when the 1991-2000-2009-2018 cycles of reproduction of internet machines switch to the phase of robotic weapons, which will be the beginning of the end

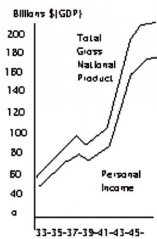
Hero: Puppets:



Cultures: Red: Biblical South-America, Blue: North, Scientific America



The 8-9 year cycle is fine tuned military to the cycle of splendid little wars for profits of the American GOP (war party) vs. Democrats (peaceful consumption) cycle, between its two 'trader' coastal vs. warrior, continental biblical sub-civilizations. As the cycle is quite exact having though some 'human



The demand for weapons has a very high cascade effect in demand of other metal goods. The creditation of war is big business. Human Goods are slower to replicate, and have limited consumption among the ruling classes. They prefer the hefty profits of weapons, where all industries of metal find synergies. The income of the upper class increases. In the Second World War, the profits multiplied by a factor of 8 in American companies. Unfortunately, the mass of humankind do not experience such a bonanza. Instead, they are forced to die testing weapons.

errors=deviations' with Mr. Trump(upp)et, we shall have a war. He of course is trying hard. But as the cycle precludes every 72 years, with the change of 'phase of the Industrial r=evolution' a global industrial war, with the new-machine weapon - we are now in the period of a W.W.III age of robotic wars, past the splendid little 8-9 years war cycle; as now we must collide the two

super industrial powers of the robotic age. So as Germany confronted USA and Russia in the age of engines of metal, with huge tank and bomber overproduction wars. Now his target is... China, and so far the 30 years old prediction of bio-history is happening. First a provocation in Taiwan did not work. Now he is gearing up with the guinea pig of Korea. The rope is hanging, the capitalist is so eager to put it around the neck... Profits shall multiply and the military age of robots flourish soon.

So, all this said, now we can fast-track backwards to the ideal crashes of the 9 YEAR short evolution of machines from the 2080 year of the end of the robotic, 2008-2080 cycle, concluded its military phase.

Second part of XXI century: global robotic wars, Automated 3D printing of robotic weapons in the Himalayan India vs. China and Yakutian-Alaska-Canadian borders.

2036: final crash of robots as tool machines, starts the radiation of weapon robots.

2027: first crash of robots as automation machines - currency global crash, bitcoin or any other similar crypto-currency (depending on the government offensive to control them) becomes the main form of payment for internet companies due to its cheaper costs - human governments loose control of the economics system.

2018: final crash of internet secondary stocks, first crash of crypto currencies. Investment switches massively to robotic companies. War robots are still limited to drones and terminator walls (Korea, Israel, Mexico: GOP candidate trumpuppet)

2009 (a bit advanced to 2008), crash of birth of e-money derivatives (chip overproduction of money).

2000 (crash of birth of internet mobile systems of sales - amazon; war cycle, Desert storm II, Bush Jr.).

1991 (crash of birth of chip/war industries - electronic war @ desert storm: GOP candidate Bush Sr. fall of the wall crash of human r=evolution).

83 (Falkland wars: last splendid little war of the British nostalgia empire; crash of birth of e-money speculation).

1973 (Yon-kippur war: last of the wars of the engine, plane/tank era; birth of the chip; final cycle of Tv-speculation: eye of machines)...

1965 (crash of consumption of home appliances, TVs and electric machines; splendid little war: Vietnam war).

1954 (crash of end of Korean splendid little War).

1946 (crash of end of II world war).

1937: crash of real state market in New York, which drove the world to the II world war solution.

1928 crash of electric ticker, radio and cars... started in The city, next year moved to Wall Street.

1919-21; first car crash... crash of end of profitable I world war, massive engine of profits for the iron and electrochemical industries consuming to the tune of sarin and gun machines millions of human beings; and so here we stop backtracking the 'slightly adjusted' to some human affairs and war decisions... wonderful ENGINE OF DEMOCRATIC CAPITALISM - WAR! PROFITS, consumption of human lives and billions for the 0.02% of stock-rats... Mr. Veblen, leisure class for which we all toil to the tune of bipartisan democracies.



Creditation of money”, thus fully controls through the cycle of greed our societies; and all other cycles of modern history fine-tune to it. In the graph, the previous cycle, briefly outlined on top of chemical machines, from dynamite, through engines, cars and bombers in II world war:

THE ‘ISSUE’ OF MONEY: PECUNIA INFINITA BELLI NERVI

The dictatorship of bankers



The Pricer controls the word with its financial-media information machines.

We say that the world is controlled by the languages that cre(dit)ate reality. In a capitalist world the man who puts prices, the speculator, who invents money with prices is the master of the Universe. But he does so in a go(l)d-like, primitive manner, without any ethic, nervous system that guides its actions to D) improve the life of mankind. As a real science of economics should do.

He does so merely to increase prices and get the maximal profit when he buys cheap and sells expensive. This is all what he care for. Latter we will study the historic origin of capitalism how something so meaningless came to be the engine of history for lack of a better understanding of the meaning of languages and social sciences.

We shall thus constantly compare the 'real science of economics' that would use prices to the advantage of man, understanding how they control social superorganisms and its cycles, vs. the primitive thinking of bankers that invent money and speculators that set prices - often the same kind of people.

This must be understood. Languages are ‘talked’ to give power orders. And so two levels of power are essential to a social language:

- The capacity to invent the language.
- And the capacity to talk.

Humans live in an absolute dictatorship of bankers and speculators, those who invent and talk the language of money, as they are keep without rights to invent money (deficit zero laws) and without the right to talk it (lack of universal salaries to give orders of money for the things we want; and lack of rights to price things).

Now the ‘role’ of classic economists and other rhetoricians working for bankers who invent money and speculator who put prices to things, is to make us believe in an ‘invisible hand’ which does what they do knowingly, abjectly for mere profit, against the common welfare of mankind.

It is a fact, and we shall study in depth latter how this is done, that markets are rigged by those who bet more for a certain price – as a poker game is rigged IF A DOMINANT PLAYER HAS MORE MONEY to put on the table for any card game, regardless of cards. He will always win as nobody will match his bets. In markets, the person who buys more puts the price.

And it is fact that banks invent money. They just ‘double’ with a digital number any good, from credits they just write as numbers and with the method of fractional credit they multiply money 10 times, to the recent Cdos, invented money, which they just created twice, by taking mortgages and bundle them as second mortgages.

Because money is just a digital number, it is as easy to create as words are.

You just have to ‘talk prices’ and then the price is MONEY you just have created, and this is what speculators do; and you just have to ‘invent credit’, numbers in a support that lasts, before gold, then papers, now digital numbers in computer screens.

And none of those forms of money is ‘debt’, because a language has no ‘debt’, as it is not ‘energy’ but information, costs nothing and renders nothing.

So once this is clear, we have to understand 2 things:

- That by definition a democracy is a society in which ‘humans’, individuals or at least their collectively elected representatives MUST talk both, laws and money. This is a democracy, any other system is not a democracy. You might want to let a caste of priests write your laws, or military men write them, but that is not a democracy.
- And the same goes for money. Market makers put the prices of things, today in future and commodity markets, which we shall see how tax humanity with a 200% price in the essential commodities (oil, food) causing widespread hunger.

You might be so half-wit as to think the damned lies and statistics of economists, which we shall repeat ad nauseam and prove in our specific articles on each of them, HAVE had for 200 years, since Owens put it clear – here in London saloon economists dedicated all their intelligence to find complicated arguments to defend the financiers that pay them – only a job – to disguise the monopoly of bankers and speculators in the price and issue of money. Of course, many scientific economists have tried to unveil these facts from Owens to this writer, BUT THE SELECTION OF WHOM IS WHOM DEPENDS ON THEIR RETHORIC CAPACITY TO PLEASE THE BANKERS AND SPECULATORS THAT ‘DICTATE’ AND ‘ISSUE MONEY’ AND OWN THE FINANCIAL-MEDIA SYSTEM, printing both news and money with the same machines.

So from the Nobel prize given by the rijksbank, a private bank that usurped the prize against the will of the heirs of Mr. Nobel, to the Harvard chair or the central bankers of the world – 100% of them belonging to the same culture that monopolized banking and speculation for millennia, all choices of ‘economists’ that are heard and have power are made among those who hide the power of speculators and bankers, its monopoly in the issue of money, with ‘ideal models’ of ‘equilibrium’, ‘free markets’ and other simplicities for half-wits (and mind the reader humans are by definition one quarter wits, half-wits are the intelligent ones :-)) seriously...

While the ‘others’, from Owens to Galbraith, which just explain reality as it is, who use the scientific method applied to the economic world are denied, almost ‘hated’ by professional economists, the most corrupted profession of history.

This is why we shall see the ‘gurus’ of this science, blatantly lie from Smith to Hayek, specially lie ‘big’ in money themes or reach the heights of cynicism of Mr. Friedman, who affirms that economics is NOT an experimental science and it is based in ‘assumptions’ no facts.

People should understand once and for all that Economists and Politicians are NOT the scientists of economics and History, but corrupted people who talk to obtain power.

Now this is one side of the problem, the Non-Democratic nature of our societies, and the monopoly in the issue of money by bankers and speculators.

But much worse is what THEY DO with money; what they INVENT IT FOR.

We shall consider therefore now the '2nd level' of evil behavior among the private financiers – yes, we already mentioned how they invent money to create debt, and then stop producing it to obtain real assets to pay that imaginary debt.

Now we shall study how they make wars with money. And I tell you, this is *not the worst thing they do*.

There is a 3rd way to invent money we shall describe at the end of the post, because my human side fires up only thinking of it – speculating upwards with the price of the most needed commodities, notably oil and FOOD, cause of most endemic hungers in history.

So let us go for the second 'use' of money for financiers – the cycle of war, which of course is endemic in 'capitalist democracies', as the first great rhetorician of this discipline, Mr. Adam Smith, call it 'the wealth of nations' maximized in terms of GDP when more debt-money is created to expend in the most expensive metal-memes, weapons, to kill the biggest number of human beings (that is just the final peccadillo, which the banker cares nothing for.)

So now that we know the way bankers create money we can study in more detail how they did it in the main Kondratieff cycles of evolution of machines and weapons.

How Bankers and speculators Invent Money in boom and bust cycles.

"The few who understand the system will either be so interested in its profits or be so dependent upon its favours that there will be no opposition from that class, while on the other hand, the great body of people, mentally incapable of comprehending the tremendous advantage that capital derives from the system, will bear its burdens without complaint, without even suspecting that the system is inimical to their interests."

Rothschild, Go(l)d Master, head of the British Financial-Media System, cycle of bodies of metal.

'The banker is a man that gives you an umbrella when is sunny and takes it when it rains' *Mark Twain, American Wor(l)d Master, cycle of bodies of metal.*

'The Price good men pay not caring for politics is to be ruled by evil men' *Plato, Greece, Coin Cycle.*

How then those private corporations, private bankers and financial houses invent money in a capitalist system in which they control its issue in near monopoly - at present 95% of new money, which is invented as digital numbers by speculators, financiers and corporations?

Free Market invention of money: The 3 boom & bust cycles of the Industrial age. The first thing we must understand with such scientific approach, scorning myths, ideologies and selfish agendas is the meaning of money the language of information that regulates the economy and how it must be issued - since all economical crisis of overproduction of 'selfish memes of metal' start with the mismanagement and appropriation by a selfish 'parasitic group' of economic agents - the private banker - of our collective language of social power - money and its boom and bust cycles.

From a technical & political perspective the process starts with the invention of a new machine that prints money and breaks the balance between 'democracy' (the issue of money by governments in

currency) and 'capitalism' (the issue of the new forms of digital money with machines), tilting it in favor of corporations that awash with new fiat money buy politicians, pass deficit zero laws and steal the privilege of inventing money from the people.

In a previous graph we observed those ages of free printing of new digital numbers = money, thanks to the discovery of such new machines, caused of the boom cycles and bust crashes of financial economics; as we humans have invented *a new type of energy applied to machines of information, hence to increase and improve the printing of money every 72 years generation:*

- The speculative bubbles of stock money in the XVII to XIX c. culminating in the 1857-73 crashes of trains.

- Then with the discovery of electricity, the creation of ticker money that invented stratospheric prices for stocks in the XX c. culminated 72 years after the 1857 crash in the 1929 crash of ticker money, caused by the Morgan House and UK bankers.

- And finally with the arrival of computers the explosion of e-money in the XXI c. that has 100 folded the quantity of digital money on Earth, kept by bankers that now control with those computers the production of 95% of new credit on this planet, making 'states', powerless dwarfs with only a 5%. And the subsequent crash of 2001 (dotcom) and 2008, 72 years after the similar causal crashes of 1929 and 37.

But why bankers 'crash' their reproduction of money without limit, if they can print it for free with those new machines?

Here is the hidden secret - *because free money, is worth nothing, remember is a language of information. You do Not eat money. So the important thing for the banker or speculator studied at the end of this post - but equally important in cre(dit)ating money with high prices - is to change the 'language', the 'worthless' numbers for REAL assets, real wealth, real work, and real power.*

Let us then resume from this perspective the boom& bust cycle of debt-money creation repeated in all financial crises:

- *First bankers issue as much fiat money as possible, with no limit, which costs them nothing and creates debt and inflation. And they lend it to an adoring crowd that knows nothing about their sovereign rights to reproduce that money for free, since the media system and financial economists working for power misinform them. So at a point the entire society owes huge amounts of 'soft debt' to the bankers. And this is good for the bankers who receive 'interest' for their debt.*

- *Then they stop lending and contract the monetary mass. So money becomes scarce and there is deflation. Companies fire workers as they cannot pay them. Production halts. The economy shrinks but this is done in purpose because it is even better for the wealth of bankers as now scarce money in a deflationary environment is worth more as 'it buys more things' deflated in price. And so the huge debt society has with the financial system becomes worthier – with their payments bankers can buy many more things. Since debt has NOT contracted, as it was established in the age of monetary expansion.*

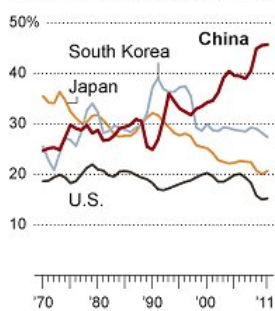
Further on, as now there is no money available to pay the huge debt society *cannot pay it with the fiat worthless money that created it and must pay with taxes in hard currency, work, real state wealth, national assets and sheepish obeisance to the power orders of bankers who implement their selfish agendas.*

So bankers in this phase end up controlling most of the wealth of society and its politicians obey them.

Thus, in this phase, the entire economic system is geared to extort money from people to pay debt, with higher taxes while governments give handouts to bankers and pass laws of privilege for their corporations. In the Train age in this phase the Law of Anonymous Societies that eliminated all responsibility from the owners and managers of corporations and the first anti-deficit laws that forbid governments to issue money were passed.

China is investing an unusually large share of its output, financed by loans from state-owned banks.

INVESTMENT AS A PERCENT OF G.D.P.



Sources: Lombard Street Research, calculated from CEIC Data, Datastream and U.S. Bureau of Economic Analysis

So stockrats, owners of corporations became the new aristocrats, with the same privileges the rules of the ancient regime had: no court responsibility for their actions (in the Middle ages aristocrats could only be judged by peers in special courts) and monopoly in the issue and use of the language of social power (now money; weapons in the Middle Age, which only *aristocrats could carry and use*.)

The proof that the system of invention of debt-private money is automatic and guided by mere greed is the recurrent periodicity of the cycles: as soon as a new form of inventing private 'debt-numbers' happens, financiers will find any excuse to print for free numbers of money, speculating upwards with prices of stocks and real state to 'get' a tax for the higher price they create, or issuing massive amounts of worthless stock, for companies without profits, or reselling 'fiat money', mortgages, new stock issues, privately issued currency, fractional credit, etc.

The specific 'financial instrument' that prints money for bankers and speculators, latter paid as taxes and higher prices or exploded bubbles of false money downloaded on the middle classes does not matter so much as the capacity to print 'new money' with new digital machines and 'invent' a figurative, huge value with mass-media propaganda, censored information and attached 'private agencies of ratings and economic press and think tanks'. So i could as soon as computers were applied to creation of e-money and monetary markets were deregulated 20 years ago, forecast the repetition of the long and short, 72-8/9 years crashes of fiat private electronic money, in my first papers coming out of Columbia University on Monetary Systems.

And indeed, there was a predicted a crash of worthless stocks, whose prices had been jacked up by speculators and unloaded before bursting the bubble on the middle classes in 2001, 72 years latter after the bubble of 1929; and there was 8/9 years latter a crash of false real state value, the mortgage crash, 72 years after the crash of New York Real State skyscrapers in 1937. And so it is only left of those speculative schemes the crash of the Dollar, as fiat money is now printed without limit by the Fed NOT to kick out the economy but to pay wars and bail outs to banks, similar to the 1922 crash of the mark that brought fascism to Germany.

All this we predicted 20 years ago, and it has happened as a 'cancerous' system of absorbition of blood-money, our capitalist society with private bankers on top CANNOT avoid to print and waste amazing amounts of fiat money and pay all kind of corrupted politicos, economists, think tanks and financial press to hide it all.

The stock racket: inventing money for crapcode companies. How Financiers invent money.

In the graph we see the difference between countries who invest money and countries who use it to speculate. The west grows less because it does not use the money to invest, and on top US controls the Japanese bank, who invests heavily in American debt, which goes basically to speculators. So the graph unfortunately answers the biggest problem today in democracies: people do not have a Universal salary to buy welfare goods and states under deficit 0 laws do not invent money and central bankers invent money for speculators. States only manufacture 5-10% of the world's money. Financiers make 90% of it. And they do it with the only purpose of keeping it for themselves or investing it in memes of metal of maximal profits (hence the overwhelming quantity of weapons industries in this planet, as they are the most expensive machines), *but mainly to lend it to other people who become 'debt slaves' of the cycle of usury of debt-money*.

What financiers basically do is to manufacture money without limits to lend it as 'wealth' (even if it is not), and then contract the production of money in the bust cycle to get back instead of money now scarce real 'energy wealth', properties and workers.

Let us resume the boom & bust cycle of debt-money creation repeated in all financial crises:

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Thus, in this phase, the entire economic system is geared to extort money from people to pay debt, with higher taxes while governments give handouts to bankers and pass laws of privilege for their corporations. In the Train age in this phase the Law of Anonymous Societies that eliminated all responsibility from the owners and managers of corporations and the first anti-deficit laws that forbid governments to issue money were passed. So stockrats, owners of corporations became the new aristocrats, with the same privileges the rules of the ancient regime had: no court responsibility for their actions (in the Middle ages aristocrats could only be judged by peers in special courts) and monopoly in the issue and use of the language of social power (now money; weapons in the Middle Age, which only aristocrats could carry and use.)

How they do it in stocks.

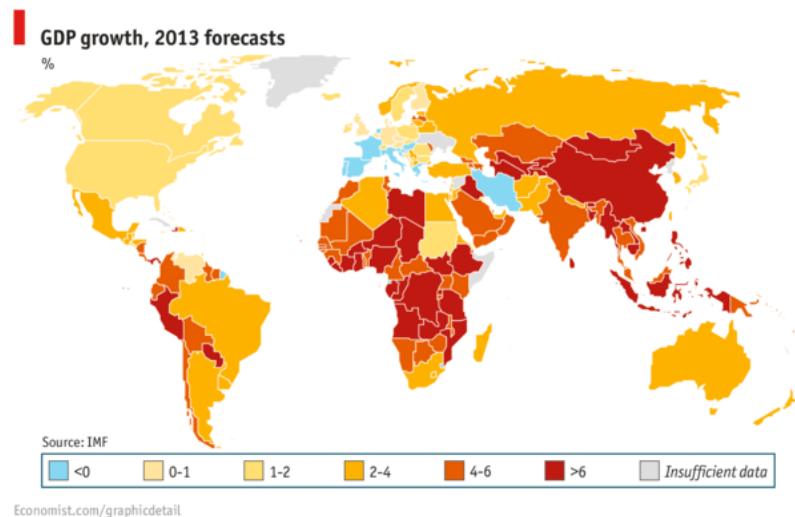
Now, the biggest racket is not direct taxation or tax farming as it was called in the middle ages, but 'stock-farming', which consists in a simple racket with 3 legs: financial press, freedom to invent money as much as the speculator wants in worthless companies, and finally central bankers to bail out the banks with free credit in hard currency. And it is simple: the speculator finds a worthless company, today internet crapcode kids, doing redundant apps, like whatsapp or snapchat. That is the excuse, when the racket was invented it was a tulip, yes! a tulip, OR AN imaginary gold mine, which never materialised. Or tea, which then nobody drunk. So you have the financial press printed with the same electronic machines, telling you that is gold, will be so rich in the future; and so you seek 'a rabbit', in the jargon of Amsterdam to skin it, and sell the crapcode, the gold mine, the tulip. And when things heat up you need also a central banker, who will print money for you.

The result is that the economy has NO REAL CREDIT, ALL THE MONEY IS INVENTED BY ECB OR SUCKED IN FROM PEOPLE TO pay the racket. In the internet age, the racket was paid by the middle classes of the entire planet to which they unloaded crapcode at stratospheric prizes. Then the FED was used to unload toxic assets. Now for a decade they have run a massive creation of money for wall street to exchange real money for crap companies. Of course after trillions wasted some companies are worth a bit, but imagine all that money invented for people, for welfare, for health-care, for hospitals, or by states for real infrastructures - not 20 billion \$ for snapchat, 200 billion for google ranks, 1 billion losses each year for uber to robotise and destroy the taxi drivers with brutal slave-like salaries to poor people with a car and so on and so on.

But the key is to have thin air press and make it complex as if they were experts, and many believe their 'inventions, called' classic economics, so they really think this is 'freedom and capitalism' will make us all rich. But of course, US and Europe has the minimal growth of gdp. And of course, the newspeaks of capitalism, keep reaching **new heights of cynicism**.

For example the Fed told us for a decade that it would [maintain the interest bankers pay for borrowing money at 0% - that is, it will give them even more money for free, till the unemployment rate goes down 6 %.](#)

So it looks like they don't do it for banks to pass the money to speculators, which is what they do, and to speculate themselves and create fractional credit (10 times more money than they have in the account) but to give credit to people, which is just the 'left-overs', while 2 countries, which are ran by people who care for the wealth of the nation, China and Turkey, without any banker of the racket group for obvious reasons, have had the maximal growth during a decade around 10% because people work hard, and with credit they create much more wealth.



In the graph, it is not coincidence that the lowest growing nations in the world are those under duress of the 'FMasters' Iran obviously embargoed enemy but what people do NOT understand in the Euro area, is that they ARE the next target, in as much as they HAD a DIFFERENT MODEL OF FREE DEMOCRACIES, BASED IN WELFARE STATES AND A FAR MORE HUMANIST CULTURE. And this is the hidden tragedy of Europe since the ECB took away the right of those nations to invent their own money. So they pay a racket in debt usury to the ECB which massively reproduces money for bankers, which speculate - that is, pass it to STOCK-MARKETS, AND IN US TO wall street inventors of false 'CRAPCODE' companies. WHILE PEOPLE, WELFARE AND INFRASTRUCTURE languishes and has to be paid with taxes, today further used for the military world of the Semite wars.

So the Newspeak translation of the ECB and FED racket at 0% is what people believe: That the unemployment crisis is due to the classic capitalist crisis of overproduction of machines - in this case the last Kondratieff wave of chips - blue collar robots and white collar pcs, will now be cured by bankers parasitising credit. But of course the unemployed will have no access to money to pay their bills, or start up a small restaurant or kick out production of welfare goods.

THIS CRISIS HAS BEEN SO BRUTAL DESPITE THE MASSIVE ADVANCEMENTS IN MACHINES PRODUCING GOODS, BECAUSE THERE HAS BEEN ZERO NEW DEAL - NO MONEY FOR PEOPLE. SO NOW THE 1% HAS AS MUCH AS THE 99% OF MANKIND AND THEY CALL IT DEMOCRACY!

A DEMOCRACY WOULD HAVE THE RIGHT OF PEOPLE TO PRINT THEIR OWN MONEY OR AT LEAST THE GOVERNMENT SPENDING IT ON THEM.

Instead the Fed – the inverse Robin Hood – robs money from the people to give it to the bankers and with a cynical twist lies out of its hat, implying that giving for free money to bankers will be a cure for the unemployed. The cynicism here is astounding.

We shall take it all from the people and give it to the 0.1% because that is good for them; it will solve the problems of the poor and unemployed.

Amazing but people believe that this money NOT invented for infrastructure or jobs but 'exchanged for the 'false' companies' invented in n wall street' is real wealth. And so when the Dow keeps spiking up for the 0.1% to take it home, they cheer, living the surrogate life of the 'Malcolm X' house negro who feels worried when the master is sick.

How they DON'T NOTICE? LET US EXPLAIN THE RACKET ONCE MORE:

In stocks you invent numbers, which are money, then you need to exchange them for REAL CURRENCY, or REAL WORK, or REAL STATE, and so you do that, but for that to happen, the RACKET MUST BE SHARED BY THE FED-CENTRAL BANKER. AND FOR THAT REASON 80% OF CENTRAL BANKERS, CEOS AND MEDIA PEOPLE belong to the same biblical, jewish culture.

If NOT the racket wouldn't work. You need 3 to tango: the wall street speculator invents a worthless company. Then it sells it to people if he can cheat them on buying, but as last resource, he will borrow for free money in hard currency emitted by the Central banker, which therefore must be part of the racket. It is very simple.

But then you need economists, and newspapers to validate the racket saying it is all good for the economy. So for 500 years since the racket was invented selling tulips of worthless value in Amsterdam, the elite of the Jewish people, the 'Am Segullah' or "People of the treasure" has occupied monopolised completely those 3 positions: Financial press, Central banking and Private stock-markets. And they pass to each other the racket.

The boom and bust 4 cycles of the Industrial evolution

We shall now unveil in detail those cycles of boom and bust till the present one.

In sequential order, the 4 capitalist ages of issue of private money to increase the profits of the Financial-Media/Military-Industrial Complex are: the Age of slave companies, train stocks, ticker money and e-money. The boom & bust process of debt-money and war for profits was the same:

- This cycle first happened in the Age of Gunboat Companies of Slaves in Britain after private moneylenders *got from corrupted and clueless politicians a monopolistic charter to issue British money*. Then they founded the Bank of England that printed paper-pounds lent to Crown at 6% of interest; exactly what the ECB - whose charter was invented by private 'expert' bankers in Brussels - has done now in Europe, achieving the monopoly of printing the sovereign money of Euro nations, which they give *only to private banks at 0% interest that in turn* lent it to southern European states at an usury 6%, rate called in Spain 'Prima de Riesgo', which absorbs the 3% of its GDP cancelling any economic growth.

Next the Crown raised taxes to pay debt, especially in the American colonies, despised by the British elite, as the PIIGs nations (nicknamed by a racist Frankfurt banker) whose life-art based culture produce mainly goods of the welfare state (Portugal, Italy, Ireland, Greece & Spain) do; as they are now ECB colonies. And so they have the lowest rate of growth in the entire planet. Since *unlike machine-based nations like Germany whose corporations print money for free in stock markets welfare companies do NOT have stock-credit*.

In the Company Age this was also the case. Only slave, gold and colonial gunboat companies could raise the other type of paper money besides Pounds, stock-paper. Soon the Bank debt-money was used just to back speculation in those companies, NOT to create real wealth, as now the money printed by the ECB bank and Fed is use only to rise the Dow to new records not to create a Global New Deal. But return profits were dwindled as the best colonial lands had been taken. So a series of bubbles, the South-Sea company bubble in Bri'tain and the Louisiana Company bubble in France, where a Scot, Mr. Law had sold the same scheme, exploded, as the financiers had sold out the worthless fiat stocks at

stratospheric prices into the middle classes of both kingdoms and left the market sink no longer issuing mountains of speculative paper-money. They did the same in the 29 crash and the 2001 crash of worthless dotcom stocks and the 2008 mortgage crash, once they exited the market, after expanding credit to the middle classes.

‘When my boot-cleaner talks stocks is time to exist the market’ said Joseph Kennedy. To that aim the synergy of the media owned or corrupted by financial groups is essential. So financial media kept rating dotcom companies and CDOs as AAA value, while Goldman exited and emails said they were ‘piece of junk’ and the press during the XVIII c. insisted that in Louisiana and the Patagonia there were huge gold mines.

In both kingdoms the politicians of the age, the kings and aristocrats were greased with huge returns and redemption of shares at maximal price. But when the bubble exploded the outcome was different:

In France it was the first of a series of crises that tumbled the monarchy, sparking the French Revolution that tumbled the ‘ancien regime’. In Britain the king’s court condoned the financiers establishing the Anglo-Saxon capitalist system in which financial crimes are never punished to ensure they will happen again. As England’s Capitalist democracy was a banking dictatorship, similar to the one established by VOC in Amsterdam, founded in the ‘Glorious Revolution’ of 1688 by Dutch financiers, who during the French invasion, bought the Parliament for the Dutch king with the money of the Amsterdam Bank, and established the Private Bank of England and the stock-market in the City, their own ‘kingdom within the kingdom’, with his own taxes, where the king cannot enter without the permit of its major and MP, traditionally of the House of Rothschild,

And he indeed controlled it, by playing the game of war and debt during the entire XIX century, in most of the countries of the world.

Then corrupted politicians to the payroll of the Private Bank of England, that usurped as the ECB has done the name of the nation to be accepted by the people, soon embarked in permanent wars to increase *state* debt, and the 6% of ‘free profits’ for printing the British money. Those wars raised taxes for the commoner of England and provoked enormous suffering to all cultures on Earth, colonized by British, but the mirage of Empire and racial superiority maintained the British people till today, a happy subject of City Financiers, as it does today with Americans and Wall Street. But in the XVIII C. Americans were more enlightened and so they rebelled when Franklin failed to convince the Crown to abolish the system.

Then he ran his press to create a ‘free’ Financial-media system and started to print colonial money and pamphlets explaining the ‘issue’ of money, true cause of the American Revolution. But soon after the Independence, Americans lost that freedom ‘again’, when Mr. Winthrop, a Calvinist bishop, Mr. Morris and associates, Jewish merchants, Mr. Gerard, the biggest slave trader and Mr. Hamilton, a corrupted politician took away from the right to issue debt-free money, from the founding ‘peasant fathers’, the plantation owners, Jefferson & Washington, who did not understand yet there is no democracy without the issue of bills of law and bills of money to implement them, by their elected governments. It was the birth of the ‘Biblical elite’ of corporative owners that substituted British Companies in the control of their society.

Soon the Hamilton gang started to promote wars – wanting to declare war to France! the country that had invested more hard currency in the American war for the freedom of the American people, to steal Louisiana - and had not Jefferson merely offered money and bought it from the French, it would have achieved its purpose – to create like the Bank of England did, a nation in perpetual war for profits, ruled by an elite of ‘bankers’,. America and their people though had a higher sense of freedom and rights than the British commoner and fought many battles with the bankers, starting with the duel in which Burr killed Hamilton, followed by the understanding of Jefferson that they had been ‘cheated’ and his attempts to regain the right to issue money. But then bankers ‘exploded’ the game, overpassing the Federal Government by lobbying states, which started to charter private bankers that issued massive amounts of their own paper-money, systematically ruining the common Americans by defaulting on their paper.

The classic run-on-the bank cycles started then. And as 'greed' and 'theft' became 'privatized' so any wealthy slave trader or usurer could start a bank, the elite caste of American capitalism took roots and has reigned ever since. And when American heroes of national freedoms, presidents like Mr. Jackson, Lincoln or Kennedy tried to reverse the course and regain those freedoms for the people, with the abolition of the 2nd private 'bank of the United states' (Jackson) or the emission of debt-free greenback money (Lincoln) or the creation of a welfare demand based economy (Kennedy), they fall to the bullet.

Thus the British earlier model of bankers corrupting politicians to declare imperial war to get usury interests from debt-money printed by those privateers on behalf of nations became the American model, specially after the murder of Lincoln, when free-debt greenbacks were cancelled and frontier banks issued massively debt-money backed by 'future profits' based in train stocks and land speculation taken from Indians that had to be exterminated for that purpose with the help of the Yellow Press and the new technologies of the steam age.

It would be the 1st Financial-Media/Military-Industrial Complex imitated by all Western nations in their colonial wars. Thus every attempt of western people to become free democracies was reigned in by bankers and corrupted politicians, by murder, corrupted law and war, backed by the new machines of the Financial-Media/Military-Industrial Complex, since Staunton, railroad baron, paid Booth to kill Lincoln and robber barons colonized the West in *I Cycle of trains*.

-72y. Train Cycle: Paper-Money. Boom: Railroad stock-paper: 1840-70. Bust: Silver Crime:70s-90.

In detail in the 1st cycle of steam machines and printed paper-money, the boom cycle happened during the overproduction of rail road stocks. The bust cycle happened when Silver money was demonetized, substituted by the gold standard. In America financiers implemented it, bribing Mr. Grant at the height of the Robber's baron era. It was called the 'silver crime', as it plunged the country in the worst depression since the crown forbade the states printing colonial money. In Europe, Germany, the dominant industrial nation, provoked it, when Bismarck's bankers cancelled bimetallism, imposing the gold standard and reducing to ½ the circulating money. So suddenly half of the metal-money disappeared, increasing enormously the value of debts, by increasing the value of money and deflating prices, making debts far more expensive.

The world entered recession, except industrial companies that switched to weapon's production and unlike the people who were asked to pay debts in scarce hard currency, received credit in stock-paper. Soon they declared the 1st of the many German FMMI system's splendid wars for profits that ruined European lives and wealth – the French-Prussian war of 1871, the I and II World War and now the Euro War.

- The 2nd Industrial cycle of fiat money overproduction started its boom cycle in the earlier XX C. with a massive expansion of ticker speculation in the nascent car industry. The House of Morgan busted the credit cycle in the panic of 1907, as an excuse to set the Federal Reserve Bank as a private bank of 'issue', who extorted usury debt to the United States for decades to come.

Then the Fed crunched most credit given before by frontier banks to Middle West farming states now stripped off issue rights, provoking the famine crises of the dust bowl, as lending to small companies and agricultural states plummeted. Now Fed Banks concentrated in New England ignited 2 boom decades of credit to Industrial Trusts and financial companies of the FMMI system, backed by the yellow press and radio of the happy 20s, the age of 'ticker-money' speculation and W.S expansion. But in 1928-29 the Federal Reserve and Bank of England's concerted contraction of money crashed the global market, provoking the Great Depression solved after a 'too small to matter New Deal Deficit' in Welfare goods by 'canons instead of butter', after the next 7 year boom and bust crash of 1937. Then Roosevelt changed his mind, pressed by Industrial Trusts. So he provoked Japan with an embargo and every nation in the world, with Germany ahead of the pack, expanded their deficit to pay *for war industries proving that Deficit is NOT the problem*.

It should be rule, but issued with debt-free money not to pay war but to cre(dit)ate a Welfare Global Deal of life-goods and peaceful, consumption. Since America reached its all-time-peak of debt at 150% of GDP during II World War and never paid I and came out of the crisis - as Germany had done before

at the cost of 66 million victims. Synergy between the 4 overproduced technologies of the FMMI system is thus essential on the boom and bust cycle of debt-money and war that creates the 4 parallel crisis of each Kondratieff age of overproduction of fiat money.

Sounds familiar? It should because it is what happened in the 3rd cycle of e-money overproduction:

Bankers invented fiat money without limit once they discovered the ‘complex e-money derivatives’ that allowed them to print ‘digital data’ as money in computer screens... Then in the 90s, the happy new 20s they lend it massively at soft interest. So every state and individual owed them money.

Now they are contracting the monetary mass, and their quisling politicians are extorting people with higher taxes, bailouts and the destruction of welfare states to pay a fiat debt that in a real democracy would never exist, as money would be issued by sovereign states free of debt, as a Universal Salary and credit orders for welfare goods:

First bankers in the US expanded credit in e-money without limit, in the happy 90s so everybody bought Internet stocks, and finally they busted the credit system in the 2000s; *after* unloading those stocks into the middle class with the ‘self-made man’ myth of ‘trade yourself in internet’.

In the 20s they call it ‘buying on margin’. As the top price moment of unloading fiat worthless paper-stocks overpriced into the middle class approached, ‘buying on margin’ was fueled by massive credit of the Federal Reserve. Say you wanted to buy a ‘yahoo’ or a ‘RCA’ (radio-stock) at 500, their peak prices, in the 2000s or 20s. You would just put a 10% of the 500, and the ‘bankster’ will tell you that you will double capital when the price hit 550.

What he didn’t tell you is that when the price goes down to 450, your 50 \$ are gone and then the banker will sell the stock and ruin you. So they passed the ‘virus’ of greed to Main Street and ruined them in both cases, unloading at maximal prices the shares, whose value they had artificially jacked up in the previous decade.

Then within years another short 7-year cycle of the ‘product’ took place. Now as people did not want to know anything about stocks, they had to invent a new form of worthless e-money in their screens. So they expanded again e-money with the mortgage CDOs, which *they unloaded at maximal prices into the accounts of the governments and investors of the entire planet.*

And then they contracted credit and *had the ‘chutzpah’ of asking again to be paid the ‘false fiat money’ of those CDOs – mere double accountancy as they were false mortgages repacked and resold ‘again’ -* extorting one trillion dollars in bail outs, which now bring higher taxes but rip for them higher benefits. And parallel to that boom and bust cycle, they have expanded military expending to 1/2 of the nation’s budget, which is a quantity HIGHER (5) than the amount spent by Nazi Germany before the ‘splendid little Spanish war’ that started W.W.II. served as the Guinea Pig to essay in Guernica the goodies of the German FMMI complex.

The only change on the boom and bust usury cycles of financial speculation that usurp the sovereign rights to issue money is on the metal-machines used to ‘invent’ digital money, which evolved from ‘gold’ (in an age that extends from the times of Joseph, Pharaoh’s banker and first recorded speculator against people’s welfare to the mercantilist age of slave companies) into stock-paper (train age, electric tickers) into our modern times of pure digital information as e-money. Thus since money is reproduced by digital machines, its cycle is parallel to the Kondratieff cycle of overproduction of new energies & machines (chemical energy/printing; electro-mechanical engines/tickers and electronic machines/e-money):

- In the age of steam machines, there is a peak in stock-money issues of worthless train companies in the 1850s, when the best railroad lines are constructed and new ones lose money – even if speculators knew they were profitable, just for the sake of inventing ‘paper-money’, unloaded on the middle classes ruined by them. Meanwhile the 2 commonest jobs of the age, transport was lost to trains and 90% of horses were killed in a decade, out of work, while food prices and revenues for small farmers, plummeted under the monopoly on prices of railroads.

- In 1928, there was a peak in the creation of new stocks in companies of cars and radios, when RCA shares reached an astonishing 500 \$ value, precisely when the slump in consumption of cars had started in earnest, as all Americans had their Ford-T. Yet the electric ticker, the equivalent to e-money Pc screens in the 1920s, had been implanted in small towns and was sucking in money from the middle class all over America to satisfy the 'Ponzi Pyramids' of Wall Street speculation in 'margin 1 for 10 credit' for stocks.

Then, in 1928-9 (City>Wall Street) and 8-9 years latter in 1937 (crash of real state and stocks), the physical and financial economy crashed together. While the reproduction of electric systems of automation in assembly lines at factories provoked a massive wave of unemployment, halving the work force.

Which lead us to the study of the cycle of boom and bust in its smaller pattern of 8-9 years.

In the graph, the electronic cycles of evolution of machines, whose stock-market curves are parallel to those of any biological radiation of a species. Since those curves are known and can be used to forecast future populations=sales=profits=prices of company-mothers of machines, this writer has been able to forecast this crisis decades in advance by merely applying those laws to the economic ecosystem, its 'dominant' re=productive species, company-mothers and its offspring of machines, which compete with humans in labor and war fields. It is precisely that competition what causes waves of unemployment when production of machines peak...

In the upper graph, from 'The extinction of Man', Bookmaster Ohio, c.94, we predicted those cycles for America according to the 72 years cycle of Kondratieff crashes of the economy (1). In the lower graph, from the book 'cycles of economics: The III world war' from 2001, we analyzed in depth the biological structure of the 'radiations' of electronic machines till the present crisis, comparing it with the self-similar crash of the oil and radio economy.

Thus, we can follow in that upper graph the 3 ages of the Industrial Revolution and its parallel crisis, and a more detailed analysis of the present electronic cycle and its 'star machines' in the lower one.

The 2001-08 economic crises are caused by the overproduction of electronic machines and its main derivative e-money, [similar to the 1929-37 crash](#), caused by the overproduction of electro-mechanical machines and speculative ticker money, and the 1857-64 crashes of the train economy, and its speculative stock money; [each one separated by a human generational cycle of 72 years](#). In that regard, the crisis started in the Financial System with the unlimited reproduction of electronic money by bankers and speculators. Yet in deep analysis those bankers could have not invented so many 'toxic assets' without the evolution of electronic money, a language of information that regulates the financial and physical economy at the speed of computer software.

The present crisis is not a recession but a depression, caused by the overproduction of electronic machines and its derivatives, [similar to the 1929 crash](#), caused by the overproduction of electro-mechanical machines, which printed too much [money](#) (ticker speculation), electro-mechanical production systems that threw millions out of work (taylorism, automated assembly lines) and the overproduction of cars and radios, whose companies, lobbies and politicians reconverted into armored cars (tanks) and [hate-radio speeches \(Hitler\), embarking us into World War II](#).

After the war, the Kondratieff wave of electro-mechanical machines was exhausted and so we started [a new dual wave of 'electronic machines'](#), which evolved and reproduced chips - brains of metal - in increasing numbers till saturating the global market - origin of the present five-folded crises of overproduction of electronic products - the financial crisis, the cultural crisis, the labor crisis and the war.

In that regard, we can compare this crisis with a similar transformation that happened in history about 70 years ago. The happy 90s looked like the happy 20s. But suddenly the World changed into the warring 2000s, as the 20s changed into the ominous 30s. In both ages a tremendous crash on global stock-markets, due to the overproduction of machines (radios and cars in 1929 and 1937, electronic goods in 2001 and 2008), sunk the economy, increasing unemployment and social inequality.

That historical similarity is not trivial. It is a cyclical change that modern history experiences every ± 72 years, a period that historians call the Generational, Human Cycle, since it is the mean biological cycle of 3 human generations – grand-father, father and son. Indeed, if we go 72 years backwards in time, we see a similar crisis happening globally after a period of industrial growth guided by the steam engine, which lasted through the happy 1850s, marked by the railroad craze . . .

Then in 1857 the overproduction of railroads crashed the industry worldwide and history turned upside down. In the middle of that crisis, the ominous 1860s brought wars fought with armored trains and steamers in America (Civil War), Europe (the Italian & German Unification wars) and Asia (Sepoy Revolt in India, II Opium Wars). So during the Industrial Revolution, every ± 72 years the world changes, after a big economic crisis, from a happy time to an age of war and destruction, from an age of machines to an age of weapons, the age that now begins worldwide. And it all starts in the financial economy; because the reproduction of money reaches a peak at the same time the reproduction of machines saturates the market and becomes reconverted into weapons.

The causes of that exact $72 \pm 8/9$ year cycle of global stock-crashes are simple. The Industrial Revolution is in fact the Evolution of Machines and Money, energetic and informative systems, traditionally made of metal, which can be studied with the laws of morphology and evolution. Machines and money evolve according to the [energy and information](#), they use to become re=produced.

[humans](#) evolve a new type of [energy and information](#), derived from that energy, which renews all the machines and financial instruments of the economy every human generation of 72 years, in which a nation of ‘founding fathers’, captains of industries, their sons and grand-sons, reproduce and evolve a new energy, machine and form of money to its perfection. Yet at the end of the cycle, the machine and money becomes over-reproduced, saturating the market and provoking, due to a crisis of growth, a global economical crash.

Those generations also bring the nation that discovered the new energy to the top predator status of history. Because energy is also the substance of which weapons are made.

—Thus, we had an age of steam machines, the age of England, between 1780s and 1857, followed by a crisis of overproduction of steam machines and stock-money that brought

the 1857 ± 9 years crashes of the train-based economy.

—From 1857 to 1929, we lived in the age of electro-chemical energies, machines and chemical explosives, dominated by Germany, followed by a crisis of overproduction of cars and radios, which caused the 1929 crash, 72 years after the train crash.

—It came then the III cycle of electronic machines, electronic money and Nuclear Bombs that took place from 1929-2001, the age of America; which again ended in the dotcom and mortgage crashes, 72 $\pm 8/9$ years after 1929.

- Followed by the Age of the [singularity](#), the IV Cycle of Evolution of machines, dominated by robots, solar Industries, Quark Bombs and China. Because scientists call a black hole, the type of quark ‘bombs’ now researched at [CERN's singularity](#); and they also call the arrival of Artificial Intelligence, the Singularity moment, we have called this 4th age of the Industrial Revolution, the age of the Singularity.

Thus, a biological analysis of Free Markets shows the need to regulate the evolution of technology, pruning the bad fruits of the tree of science, weapons, robots and polluting industries, as we do with lethal organisms (virus, predators) to limit their competence with mankind, while fostering biological, [Human Goods](#) needed for our survival (agriculture, education, housing, verbal ethics, health, environment), which also provide more labor, as they are reproduced or created by [human beings](#), if we want to make the world safer and sustainable for life . . .

The previous cycles, called the Kondratieff cycles of the economy, are known to [economists](#), but their use is reduced to charting profits in the stock-market and other financial aspects of the economy, despite their huge social and historic implications. Unfortunately, guided by profits, [economics](#) pretends to be a 'mathematical' science, independent of History, uninterested in the collateral effects of the production of machines, money and weapons might cause to mankind.

For that reason, it is imperative to understand technology in biological terms, abandoning the mathematical, abstract approach of classic economics, which cannot understand those cycles of evolution, neither studies the 'real' competence and collateral effects some lethal machines are having on mankind – from global warming, produced by the 'detritus of those machines', to the massive wave of unemployment that robotics is causing, to the risks poised by the evolution of Nuclear Weapons, into the threshold of 'planetary bombs' – quark bombs and black holes that can potentially destroy the planet. In that regard, a Free Market is an '[economic ecosystem](#)', regulated by a language of information called money and ruled by [company-mothers](#), whose aim is to re=produce and evolve machines, simple organisms of [metal](#) that imitate the functions of [energy and information](#) of the human being. As a result the Earth becomes terraformed, from a carbon-life ecosystem (Gaia), ruled by human organizations (Governments) and human languages (verbal laws) into an [economic ecosystem](#) (Free Market), dominated by [company-mothers](#), money and machines, which enhance our [energy and information](#) but also compete and substitute man in war and labor fields . . .

A detailed analysis of the cycle of 72 years of evolution of energies and machines explains what all the models of classic economics have failed to understand: money also follows a cycle of evolution and reproduction, related to the machines used to 'invent' it, today electronic machines, which have not only saturated the world with hardware but also with e-money software, till money lost value.

Because money is reproduced also with machines, its cycle is parallel to the cycle of machines of the economy

Thus, we predicted, parallel to the crisis of overproduction of [computers](#), also a financial crisis of e-money, made with [Pcs](#), similar to the 29 crash of the 'ticker money' economy, which jacked up prices of stock with electric machines into surreal levels. Indeed, there is every 72 years a huge crash in the stock-market with 2 short $\pm 8/9$ years 'product cycle' ripples, due to an over-production of money and machines, which plunges the world into a global depression, till the new cycle of energies and new machines takes off, creating new industries and jobs that replace those of the previous cycle.

The boom and bust cycle of the global economy is both, a cycle of reproduction of energy, weapons, machines and economical information, money, as all of them are related. 3 negative effects are paramount:

- Machines throw people out of work.
- Weapons kill them in wars.
- And too much money causes inflation, absorbs savings and when the bubble of false value explodes, it ruins the economy of the Middle [class](#).

Those effects are studied in more detail in the featured articles dedicated to 'economics' you will find scrolling down this web.

Money is a language/software of information, whose 'hardware' evolves in each cycle.

All this said, it should be obvious that the present crisis is the result of the exhaustion of the longest cycle of Economical activity, called the Kondratieff cycle, which defines the evolution of energy and the machines and money manufactured with it, the 2 main non-human elements of the economy.

The exhaustion of the 2 previous Kondratieff cycles of steam and chemical energies were responsible for 2 other huge crashes of the Economy of the Industrial R=evolution, the crash of the train, in 1857 and the crash of the car & radio stocks of 1929. Now we live the crash of the electronic-economy based in e-money and [computers](#).

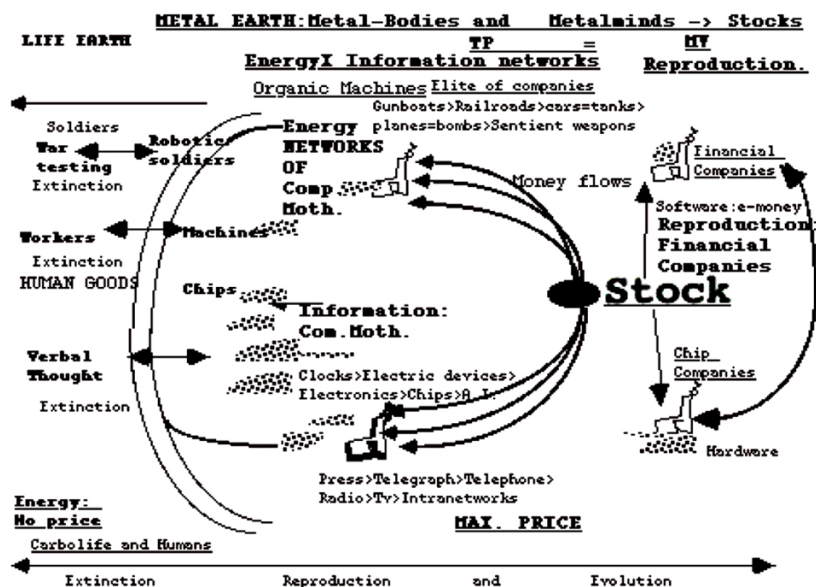
The regularity and phases of those crashes which i anticipated 20 years ago in my thesis at Columbia University (C.92) are shown in the previous graph.

Those 'structural crashes' are caused by a change in the energy we use and hence a change in the evolution of machines that use such energy and also in the money of the economy created with new mechanical systems:

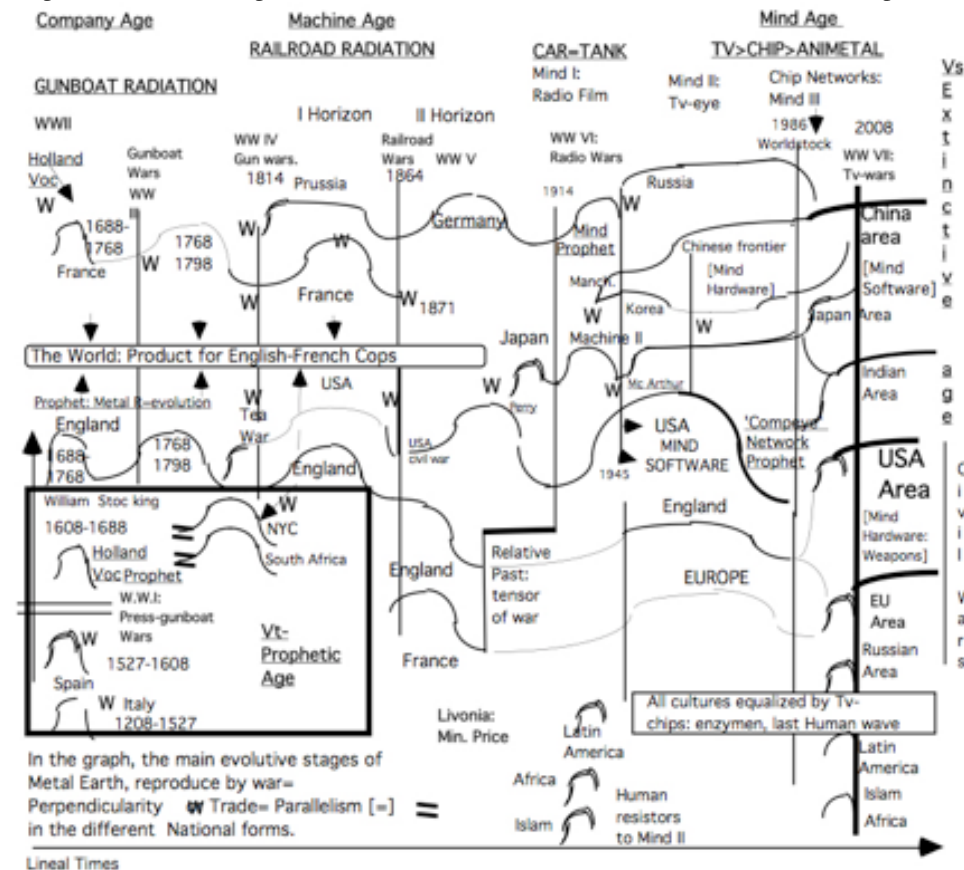
- In 1857 the world lived the crash of paper-stocks parallel to the exhaustion of the train age.
- 72 years latter it lived the crash of the 'ticker stocks' in 1929-37 that raised the price of car and radio companies like RCA to 500 \$
- 72 years latter in 2001 we lived the crash of e-money that raised stocks of companies like Yahoo also over the 500 \$ mark.

And then after that massive crash, e-money kept evolving in new 'financial instruments', mortgage derivatives. So after a short 8/9 cycle we had again a massive crash of e-money, the present crisis, 72 years after the 1937 climatic crisis of the ticker economy.

In that sense, the reader must be aware that money in the Industrial age is 'invented' with machines; and so when a new form of money appears, those who control the 'money-making machines', the financial industries and in a few 'real democracies' the governments elected by the people, will 'print money' with any excuse. And at a certain moment of the cycle, they will print so much money and make so many machines that the market of machines and money will become saturated. Money then will loose all value, as there will be much more money than 'real valuable assets' and the economy will crash.



stop but continue its reproductive radiation and the metal earth will be born...[/caption][caption "]



In the graph stock conquered the world through its war and trade phases establishing a global civilization, where life has no price, with a make-up called democratic polling, whose laws are sold to the company-mothers of each cycle to terraform the world and manufacture the 'humind' brain to the image and likeness of its machines. The graph c.92 shows clearly the 'future' 2008 crash of transition to the robotic age, the last of the industrial r=evolution before AI takes over.[/caption]

So we talk of 2 PHASES OF THE CYCLE: PEACEFUL CONSUMPTION OF MACHINES VS. WEAPONS CONSUMPTION OF HUMANS.



**Global warming scare fosters clean energy that will automate robocars & terminators
Free of man with telepathic A.I brains& solar skins & 'cleans' Nuclear cheap electricity**

And Exactly as we predicted in our earlier books 30 years ago, we are now in the age of weapons that consume humans; since those cycles are perfectly tuned to the laws of systems sciences and evolution. But mass-media keeps manufacturing brains with political and economical correctness, which Always cater in the last Level to a company-mother, the true dictators of democracies.

Consider for example in the previous graph, the so much taunted around global warming scare, whose objective truly is to promote solar skins, the last barrier for autonomous robots to become a species independent of man. And it is certainly NOT the most important existential problem of our species, as in fact just will increase the production of wheat and food, given the fact most landmass is in cold regions that will benefit from it (Russia, Canada). But NONE talks of the risks of AI and military

robots, of the III singularity events that will 'close' the age of mankind if we do not learn how to control the evolution of machines and the free-issue of money to evolve them.

Unfortunately we are now pass the age of consumption of peaceful machines and entering fast into an overproduction crisis solved as usual switching to robotic weapons, hate media, and vigilante 'big brother' pcs.

So the system switched from overproduction of peaceful goods and e-money to overproduction of weapons and hate media, and as it happened after the 1860s crash of the train economy and the 1930 crash of the car-ticker money economy, we entered an age of splendid little robots wars, electronic big-brother and hate-media against 3rd world nations, brutalized by decades of lack of investment in education, welfare and backing of dictators, which feed a growing spider web of terrorism, police states, investment in security, and cut of welfare expenditure, 'camouflaged as usual' with the proper idol-ogies repeated ad nauseam by all metalcommuicators, of 'security', 'progress', 'virtual fictions' and 'we live in a free world'.

In the graph, as we enter the military phase of overproduction of weapons and hate memes, it happens an INVERSE process of DEVOLUTION of all human systems, corruption by massive amounts of e-money of all political systems, which choose war-monger politicians to cater to the needs of overproduction of weapons. So after the 2008 crises because the system was not reformed, we entered an even harsher dictatorship of the Financial-Media (information machines) Militar-industrial (energy machines) system, and we switched production from consumption machines to weapons that consume humans took place.

So we are now in that age again:

THUS the present crisis is not a recession but a depression, caused by the overproduction of electronic machines and its derivatives, similar to the 1929 crash, caused by the overproduction of electro-mechanical machines, which printed too much money (ticker speculation), electro-mechanical production systems that threw millions out of work (taylorism, automated assembly lines) and the overproduction of cars and radios, whose companies, lobbies and politicians reconverted into armored cars (tanks) and hate-radio speeches (Hitler), embarking us into World War II.

All this said we can easily define the present crisis as a crisis of overproduction of electronic machines of 4 types, money-printing machines, mass-media machines, weapons and tool/working machines. And the consequences of that overproduction is the destruction and obsolescence of the equivalent human system (government's money, human information and ethic values, life and jobs).

So paradoxically as electronic machines and corporative profits multiply the 'rival' human wealth in life goods, human jobs, peace, freedom and true information disappear. And this gives birth to 5 parallel crises:

- Electronic Computer platforms are Machines that print money without limit. They started to print money in the 90s and brought two crises, so far - the dotcom crash of 2001 and the e-money derivative crash of 2008. In both crises so much electronic 'prices' were invented that electronic fiat money lost all value, crashing the economy (those crises are thus equivalent to the train's stock-paper XIX c. crashes and the ticker money crashes of 1929-37; today we suffered the electronic money crashes of 2001-08).

- Communication machines multiply hate-speeches and rhetoric, audiovisual information. They also report positively about the people who run the politico and financial system (as they are often the same machines, owned by the same groups of power). Thus the result is NOT a humane solution to the crisis but a new fascist age of defense of the 1%, its corporation and its destruction of the human economy.

So in the middle of the crisis people still defend the corrupted system, Keynesian militarism and 'splendid little wars' for profits that corporations want to get out of the crisis with war profits (yellow papers in the XIX c. did the same, starting the colonial age of multiplication of trains and steamers that killed 30 million non-technological people; Hitler's Hate-radio did the same in the 30s and now Hate-TV does the same in the 2000s.)

- Electronic tool machines have evolved so much that now are able to manufacture all type of goods, displacing human workers (in the first cycle it was the train which ended most transport jobs, the bulk of labor in the XIX c.; then it was the electro-mechanical assembly lines of the 1920s; now we have white collar pcs and blue collar robots in the 2000s, who throw from those assembly lines the human workers.)

- Transport machines are overproduced, provoking crashes of the physical economy as they remain unsold (train stock crashes after 1857; luxury car crash of 29; cheap car crash of 1971 and now the crash of electronic machines, robots and pcs and all kind of chipped mechanisms, proper of the 2001-08).

- Finally weapon machines are overproduced, as companies shift from the use of transport/communication devices to its 'evil twin' the weapon (shift to war railroads and hate yellow press in the second half of the XIX c. to hate radio and armored cars=tanks after 29 and to hate-TV and robot terminators after the 2008 crash).

Thus as all the previous crises of overproduction of capitalism, studied in detail in the right side of the web, the present crisis is one of overproduction... of electronic machines of 5 types: e-money, [weapons](#), transport machines, robotic workers and mass-media outlets. And the result of those 5 crises are the same than the previous ages of overproduction: an enormous influence of corporations and machines in society, politics, economics and culture, which have ended in this cycle the American dream of an egalitarian, humane society, based in the goods of human welfare we need to survive, be happy and evolve, within a just society with jobs and opportunities for all men.

The cycles repeat once more, now again once the Financial-media system of informative machines that print money switched after a crash of the economy to reproduce hate memes against 'primitive and poor nations' starting as eries of splendid little wars for profits that end invariably in global wars between the leading nations of each industrial cycle. Since industries with from peaceful machines to expensive more profitable weapons, and from saturated markets of human consumption to renewal of arsenals paid by states, skyrocketing profits maximised according to the cycle of nervus vellum pecunia infinita by the overproduction of weapons and inflationary money to pay them.

We study this accelerated cycle down the left side, till the present age of III world wars.

1. It is the cycle of colonial train wars of Europe vs. 'primitive third world', or second phase of the steam age.
2. It is the cycle of fascist tank and radio hate wars, or second phase of the engine age.
3. It is the present age of electronic big brother, and 'semitic' wars, as we live the age of overproduction of chips, and its derivatives, e-money (financial crisis), blue collar robots and white collar pcs (labor crisis) and terminators and big brother (political and military crisis). OF COURSE we suffer again the cholera of the 'primitives', in this case as in the I cycle, which is closer to our world than the fascist era, against 'black emigrants', 'islamic warriors' and 'indians' now called 'Mexicans'. All has changed to remain the same.

In that regard, the present cycle, forecast in enormous detail in our books on the 'future' III world war, as earlier as the 92 when the first overproduction crisis of chips, and its derivatives could be seen looming in the horizon (e-money overproduction crisis, blue collar robots & white collar pcs labor crisis and terminators - war crisis) will be politically similar to the I colonial age, NOT the fascist age, because it WILL BE dominated by wars against the poor III world war (wars against jihad, islamophobia, contention of african migrants, mexican=amerindian biasing, etc.)

The reasons are deep but can be understood easily in terms of the 'growing disorganisation' of humans, unable to agree, hence the state is dissolving NOT coalescing; WHILE the properties of the 'mental manufacturers', hate-tv and hate-internet are visual and desegregating, more prone to 'visual and technological racism', proper of the first cycle

This is indeed the only dual future. The rest is wishful thinking. EVOLUTION RULES THE WORLD and evolution is about species not individuals and only members of the same species help each other.

Different species naturally communicate badly, have different interests and so by the mere fact one species reproduces faster than the other, it will systematically end up extinguishing it by displacing it from a limited planet. So if we evolve and reproduce machines as we do without limit there is NO childish subjective, emotional, NON-scientific, anthropomorphic pseudo-religious, dogmatic TECHNO-UTOPIAN wishful thinking that will avoid our dismissal. ONLY IF WE APPLY the laws of super organisms to the control of the Evolution of the metal earth before AI collapses to stop the degradation of life, the humind (ab. human mind) and our atrophy an obsolescence we might prevail. As all THOSE PROCESSES ARE BIOLOGICAL in causality, complex in its systemic organization, and as such fully deterministic under those laws.

What then can a true humanist social scientist do? Certainly tell the truth and expect nothing from mankind but the law of silence, zero distribution, at best, in the previous harsher ages, when social scientists were called revolutionaries, often prison and death. But in science truth suffices in itself.

What the you meme should do in all its biblical forms is stop bull\$hitting stop being a coveted racist religion and take seriously the arrow of social love to the species and use its power to fight for the future of mankind, not to repeat all the errors that bring the cycles of wars and holocausts that are taking mankind down the path of extinction and we shall now explain in detail in its real reasons, the idol-ogies of metal that kill mankind in body and mind.

What is the idol-ogy behind this centenary denial of eusocial evolution and love, to put together stronger social groups into super organisms, so endemic in American scholarship, which considers that only the 'individual exists'?

The answer will surprise the reader: 'divide and win'. As long as the mass of people live in chaotic freedom, which in science is a synonymous of entropy, chaos and death and cannot organise socially, in community, company-mothers of machines, perfectly organised as super organisms at global level through financial, digital languages will dominate mankind.

But of course our technological civilisation has become very complex and camouflages its non-human ultimate goals and debasing of all things human from welfare, life-goods we need to survive to verbal, ethic truths, our natural language, with a subtle form of censorship called political and economical correctness, which Orwell anticipated with its term 'newspeaks'.

In the next graph the cycle has evolved into a new accelerated human generational cycle with the arrival of the company-mother of machines:

THE NON-HUMAN VIEW: EVOLUTIONARY PERSPECTIVE

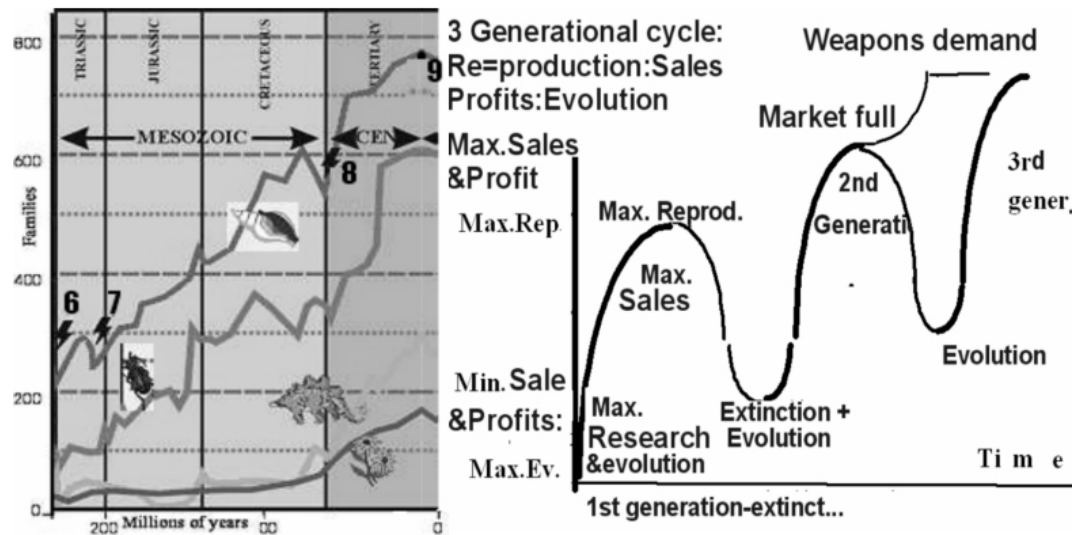
In this post we treat, according to the biological laws of complexity, the short, medium and long cycles of evolution of machines that shape the economy. It is an example on how complexity can explain not only the how but also the why of the economic ecosystem, its cycles and the behavior of its agents.

Companies have no other existential objective beyond evolving and reproducing their products, whatever its collateral consequences might be. Owners of companies only think about the profits they obtain manufacturing machines and weapons. Yet those profits have a direct biological reading, since they increase when companies reproduce more machines. So the single goal of Company-mothers and their owners is to reproduce machines and take care of their 'habitat', the economic ecosystem, designing energy and information networks for them, (roads, pipes, electricity, digital and audiovisual information). Indeed, for Classic Economists that rule those companies and view technology and money as synonymous of human progress, all other considerations are secondary to that 'business' cycle of biological reproduction of the product. In that regard Microeconomics is the science that studies the internal structure of company-mothers as reproductive organisms composed of 2 species, human workers and machines, which reproduce through the business cycle of reproduction, sales and profits that activate the owners moved by greed.

Yet profits are only 'the human abstract perspective', the how not the why of those biological cycles that we can study according to the Ternary Principle:

- From the temporal perspective of its financial language, money, which directs the process .
- From the spatial perspective of the physical machines reproduced in the business cycle .- From the organic perspective of its reproductive company-mothers, the key element of the economic ecosystem that embodies the biological, reproductive will of those machines.

The cycles of Machines and company-mothers.



The evolution and extinction of biological species follows the same cycles than the evolution of machines and extinction of human non-technological cultures, in 3 waves of 72 years, SUBDIVIDED in 9 years, mimicking the 8 subpages of a lifecycle.

Company-mothers are biologic organisms whose aim is to evolve, reproduce and sell its offspring of machines, using men as consumers and workers of those machines. Companies govern the world with money, invented for free in stocks and used to pay politicians that issue laws in favour of technology, to pay workers that reproduce machines and to design economic networks that substitute human networks of energy and information, creating a world modelled to the image and resemblance of machines

On that view the b.c. is not anthropomorphic but mchine-related.

The business cycle is the generational cycle of machines, which shows 3 clear ages:

- Youth: the company-mother invests in I+D, evolving a new generation of machines. Profits are minimal (lower phase of the business cycle).- Maturity: the machine is a new product that re=produces massively, increasing sales & profits. The business cycle is at its peak.- Old age: the machine becomes obsolete as a new, more evolved generation substitutes it. In the graph we see those 3 ages that become the 3 phases of a 'business profit cycle'.

In the right graph, the 3 waves of machines' population follow curves similar to any biological curve with a 1st age of discovery and evolution, which latter explodes in a radiation of reproductive profits in all industries and ends with the saturation of the ecosystem, signaled by the cracks of the [stock-market](#).

Then machines mutate into weapons and consume human beings, instead of being consumed by us. Yet as a new generation of machines and energy appear, the previous generation stops its growth. In this manner machines have evolved in 3 cycles changing the Earth ecosystem into the Metal-Earth. The

result is the beginning of the 6th extinction of all forms of life, which today disappear at a rate 1000 times faster than in the age prior to the arrival of machines.

All those evolutionary cycles of Machines originate a series of economic cycles, analysed mathematically by abstract economists, which can be chained together, as it happens with the biological cycles of any organic system, creating 2 fundamental, cyclical economic chains:-

The microeconomic cycle that relates the evolutionary, energetic and re=productive cycles of those machines and their companies .

- And the macroeconomic cycle or Kondratieff cycle of economic activity that relates the generational and social cycles of machines' species. *The chains established between those bioeconomic cycles* follow the same pattern of other micro and macro-organic chains, according to the different length of those cycles :

- The fastest machine's cycle is the *information cycle*, as in any other being. For example, the computer in which I write calculates million of cycles per second (Mhz.), showing an informative, capacity far superior to that of my brain, in spite of its defective design

- The second cycle in length is the *energy cycle*, developed by specialized transport machines. It is measured in revolutions per second and it arrives in high speed machines to a few tens of thousands of cycles per second.- The third cycle in length is the *cycle of reproduction* of machines by their company-mothers. It is different for each machine but usually it lasts a period that extends from a few minutes to a few days. Nowadays it accelerates constantly as company-mothers evolve their re=productive systems; since in a Free economic ecosystem all the resources of our societies are dedicated to reproduce and evolve technology in increasingly automated factories where machines reproduce more evolved machines without the aid of man.

- The *generational cycle* of machines is the 4th cycle in length as each new, more evolved generation of machines displaces a previous one. It is called the product cycle and today lasts from 1 to 2 years. It is the fastest evolutionary cycle of any species on Earth. For example, men took hundreds of thousands of years to double their brain capacity, yet chips take only two years. This happens because men transfer palingenetically, their formal evolution that took thousands of million years to machines that imitate our organic functions, from chip-brains to cranes-arms.- Finally, the longest cycles of machines are the social cycles that extend through several generations and relate those machines with the historic and human cycles of the economy. Given the importance those cycles have for our species we will concentrate on their study.

The business, short cycle.

Abstract micro-economics study the inner, individual cycles of evolution and reproduction of machines, the quanta of economic ecosystems, carried out by company-mothers, their reproductive and evolutionary organisms. We translate micro-economics to the energy and information cycles of evolution of organisms using a well established diagram, the graph of business cycles that shows the organic cycles of machines and company-mothers in an abstract form, using profits and sales, which are the evolutionary and reproductive parameters of machines:

-E: *Production and sales* mean the 're=production' of machines, a spatial parameter of population.

- Exi: *Profits* is a variable dependant, both on the sales & costs of reproduction which diminish as a company evolves its means of production *and the quality=evolution of the product*. Thus profits depend on the evolution of machines, becoming its temporal parameter.

The business graphs of profits of company-mothers are organic graphs that show the reproduction and evolution of their products and machines that those companies sell to obtain *profits, which are proportional to the reproductive and evolutionary 'force' of their products*. The evolutionary quality of a machine, its population and quality (production, sales and profits), is shown in its X-value that

increases each generation. Since each new generation a machine is extinguished and replaced by an evolved machine that has more energy or information.

The 3 phases of that curve are evident bio-logical ages:

-*Youth*: The Company spends its 'financial energy' developing and creating the product. Profits plummet in the age of discovery, the evolutionary age of any species, when the machine is mutating and needs the company's protected environment.

-*Maturity*: The business cycle reaches its max. sales in the reproductive age of each machine. And it has 2 lower curves of minimal profits in its young, research age and its old, obsolete age, when it is 'on sale'. So the company works simultaneously in 3 generations, researching a new generation when the previous generation is in its zenith of sales as the top predator, more efficient machine the company produces. Then the higher expenses on I+D are compensated by the profits of the 'present' machine.-

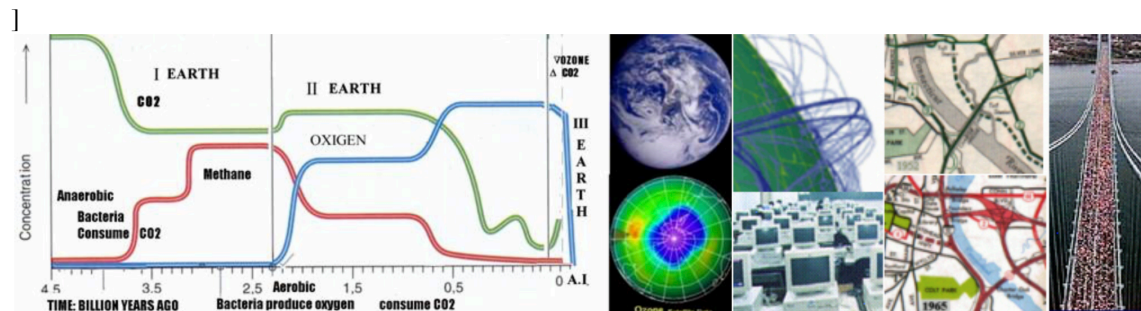
-*3rd, Old age: Max. information*. The company diversifies the product and spends on marketing. If the industry manufactures a machine, the product becomes in this 3rd age a weapon sold to governments, increasing also the profits of the company (shown in the graph as a divergent 3rd age of the cycle).

- (- 1): *Extinction*: The product is taken out of the market when a new generation is ready. The graph decomposes the cycle in 3 generations of machines, which are in most companies simultaneous, as 3 waves of blue, green and red light give white light. Hence most companies have, when they add expenses and profits of 3 generations, a business cycle that shows a smooth curve of profits tangent to those 3 curves.

THE AGES OF SOCIAL EVOLUTION OF THE EARTH.

The previous scheme of evolution applies also to the Earth as a social whole and its species, including machines and it is in fact the defining cycle to understand how we have evolved machines, in similar phases:

[Machines have evolved in the same phases that all its previous species, from lineal bodies and top predator weapons, into company-mothers, reproducing transports, then informative machines, which now evolve socially as robot through the internet of things into a planetary super organism, the metal-earth

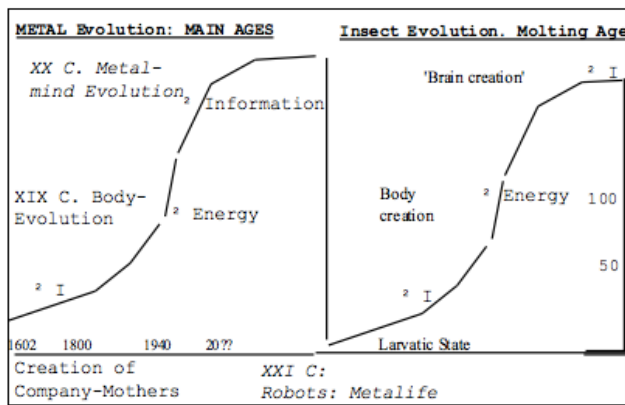


Global warming is just the by-product of Machines re=production and organic processing of energy, which is terraforming the Earth from a planet of life into a planet of metal

We define then aware of those slower rhythms a temporal equation for the evolution of the superorganisms of earth:

gaia (past) < History (Present) > Future (Mechanocene).

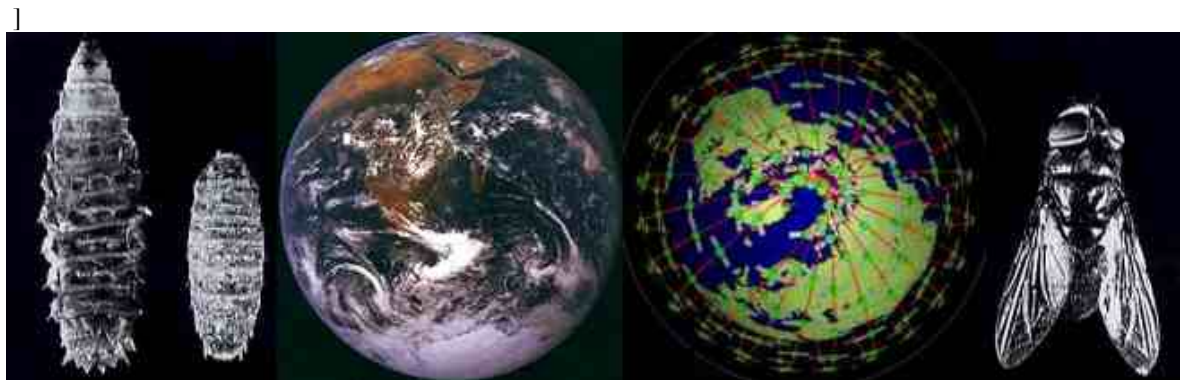
So what is the 'scaled' nature of the process of terraforming of Earth by machines, when we look at smaller life organisms? There is an homologic system? Yes, there are several obvious homologies. The



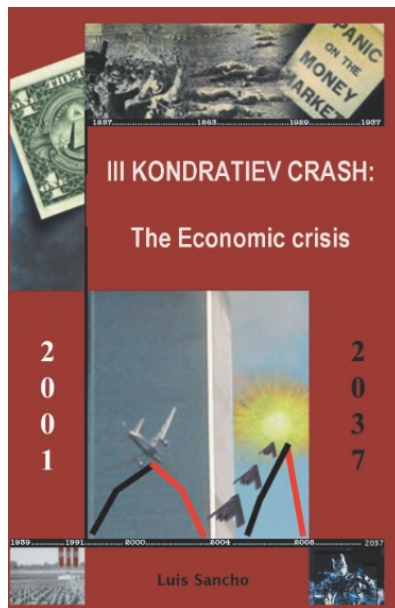
one on the graphs - parasites introducing pleasure hormones is self-evident. The one above, cancerous banksters absorbing all the oxygen and food of society choking its cells, is also evident. We will FIND for each element of biohistory and bioeconomics an homology in the scalar organic Universe

It is important for you to understand this: robots are mindless drone-ants, because the structure of machines is much closer to that of insects than mammals. It is like in the film I robot, the company-mother the system that embodies the will of re=production of living beings, the one which is becoming automated and expelling the 'human enzyman' which catalysed in earlier stages the evolution and reproduction of machines from its body systems, in a similar way in which insects mutate from soft watery larva into hard-metallike insects by killing and substituting its earlier 'enzymes'. The earth is mutating in scale in the very same form a watery larva, carbon life mutates into a hardcore insect.

Look then at the next graph on the future: the entire planet Earth is behaving in homologous manner to an evolving organism, and its 'unit' of reproduction is the company-mother of machines.



Planet Earth is mutating into a form of more information, visual, digital languages spoken by golden chips, and energy - iron bodies of machines; which after an intermediate, enzyman age of iron warriors and golden bankers, now eliminates as hard insects do after mutation, the soft enzyme(n) that changed its structure. This could be avoided if humans were strong=ethic enough in terms of energy and intelligent= informative enough to understand the laws of the fractal, organic Universe and halt the metamorphosis of Earth, as a single species, evolving together according to those laws into a perfect super organism. But their 'ego-centered', infantile ideas about their self-importance, prevents them to take care of their future. The "7th generation" principle taught by Native Americans says that in every decision, be it personal, governmental or corporate, we must consider how it will affect our descendents seven generations into the future. This simple rule of memetic and genetic survival has been broken since the beginning of the Industrial r=evolution, which enters now into its zero generation, being born at the same time that AI the rival mental species gives birth to the Metal-earth so to the answer on how many generations are left for mankind to know it lives in an organic planet, whose laws it has despised too long and will now enter its judgement day foreseen by all 'scientists of history', able to predict the future of its species, according to past cycles, since the parable of genesis is simple - in darwinian terms: none. Because the industrial evolution ends with robots and the making of the global metal earth brain. It is precisely at that point in any metamorphosis, when enzymes complete the new insect's brain, when this reproduces massively a harder enzyme (the robot radiation), which first kill all the softer enzymes (human enzymen) as terminators will soon do, if we continue with our splendid wars for profits. And then the insect wakes up, breaks the pupae and flies away. This should happen according to the cycles of history and the evolution of the net in 2036.[/caption]



It doesn't matter if robots are conscious or not, the organic paradigm has nothing TO DO WITH consciousness, and fairy tales of will, but it is a mechanical process of overproduction and displacement of species by new species that reproduce faster.

So I couldn't care if it is a virus reproducing or a military robot reproducing or a pest of insects reproducing what kills you, even if it does not think but it is programmed by genes, memes or software - Darwinian biology IS very pedestrian, automatic, deterministic and with little spirituality, but extremely efficient, without loss of a single minute in its processes, so stop thinking like a child.

The present infantile entitled bratty attitude of humans about the future, as if it were chaotic, and could not be understood or predicted IS just a receipt for disaster. Children are the staple food of the Universe, given its optimist self-centred ego trip and null understanding of survival. So they DO enter the mouth of the lizard.

Fact is, regardless of anthropomorphic pseudo-religious myths that plague the economic discourse hauling from old fetish go(l)d religions, economics and history are predictable sciences, even if the biological, organic, historic schools have been 'censored' by 'capitalism'. The fact is that this planet IS a biological, organic planet ruled by the laws of evolution and machines are nothing but metalife, fast evolving into organisms, akin to 'insects' - since evolution jumps in scales and forms, and company-mothers are reproductive systems of machines which do NOT need to be intelligent or conscious but run the program of reproduction at all costs (then sold as profits) that any organic system follows.

"] A 2003 book, the last I cared to print, forecasting the 2008 crash of overproduction of chips and its derivatives, e-money (mortgage crash), white collar pcs and blue collar robots that would increase the competition with humans in labor and war fields, mimetic to the 1857 train/paper stock crash and 1929 electromechanical car/radio/ticker money crashes, solved with a switch onto military production and hate-media, as companies paid war-monger politicians and depleted their arsenals increasing further its benefits. So we did forecast that after 2008 'Keynesian militarism' would be the preferred solution, canons instead of butter, and so according to those cycles by 2037 when the cycle of military robotics is at its height and all computer systems on the planet switch off and on its clocks, humanity will enter into its age of extinction in world war III. And the only solution would be to implant a real biological science of economics and history unfortunately ignored by the privileged 0.1%, owners of corporations and corrupted politicians who care nothing for the future of our sons till the 7th generation.[/caption]

And its biological determinism, parallel to that of human generational life-cycles and its 9 x 3 'decade' ages, is undeniable. THAT IS, why when I applied those biological cycles to its study as earlier as 92, i could forecast with deadly accuracy all the following crashes and booms of the market - a fact easily proved by the small print books and Library of Congress copyrights, which show indeed bio-economics to be the proper model of economic science, as only models with predictive capacity are considering 'true science' in epistemology (do not ask at this stage why this is basically ignored in academia and politics, as you live in a power-society, not a learned one, and companies and politicians do not like to be explained the collateral effects of their corrupted systems of management of mankind, and we will return to that - just to state that since the 2008 crisis, with its change of phase to the robotic era, announced in those books and papers, my work has paradoxically being ignored even more, which of course made it even more objective on the 'valuation' of human cultures, memes and the collateral effects of the industrial r=evolution, as you will find exploring this blog).

But if mankind does not want to learn the collateral consequences of the present overproduction of chips and robotic machines and its two species akin to the drones and soldiers of an ant-hill, which switch on and off in its tasks of control of the environment, it will NOT survive the ROBOTIC RADIATION. Point. If mankind lets production economists, whose only task is to multiply machines and weapons of maximal price=profits, working for corporations, and prefers to here all its rhetoric of

thin air about a technological future paradise, with the attitude of a cub, 'nice' and furry, good luck. Solutions exist to overproduction crisis, but those who rule us, are completely dominated by economic idol-ogies of production at all costs and DENY what they are doing - terraforming the Earth into a world of mechanisms, where life has no rights.

Time is running out indeed. 1/2 of the time of the zero generations of mankind has passed since I completed this model and NOTHING HAS MOVED beyond the systemic censorship of this work that completes the historic, biological, systemic and organic schools of social sciences of the past century.

The detail on JD and the consciousness of the fractal Universe.

And it amazes me that nobody cares to fully understand and spread the model either among scholarship or citizenship; which only means memetics, the science that studies the collective subconscious programming of millions of humans with ideas, as genetics studies the programming of cells with genetic information, is likely so *deterministic in its imprinting of human brains during its emotional childhood - today through earlier exposure to virtual screens*, that the game 'is set'. So obviously my intellectual evolution during those decades of Silence has evolved from earlier enthusiasm about the science of History and economics to a position closer to that of Weber or Marx, Schumpeter or Spengler: it seems indeed we live in a super organism, which will go through the ages of any organism and kill us all, with the same ignorance of the process that the cells of a corrupted, dying body have.

As a dying body enters into an entropic corrupted age of dissolution of all nervous, informative structures that at certain point cannot be repaired, since the neurons become isolated of the body, my take is that since the control of the financial-media networks by the most primitive 'enzymen' idol-ogies of mankind is today rather absolute, there will be no chance to prevent the people on top of those capitalist pyramids to commit 'again' suicide provoking a chaotic stage of pure entropic violence, which now is crystal clear advancing at all social levels, in which nobody including them will be spared as the metal-earth awakes and the robotic platoons of programmed metalife systems, taught to kill humans become re=produced automatically by company-mothers in the incoming China Vs. US wars.

This was the earlier 30 years old now predictions if business as usual will continue. Unfortunatley all seems to indicate that is the case. By 2036 when the net resets again all its conscious clock-cycles (second age of network computing) needless to say the evolution of robotic weapons and its overproduction will be ready to enact in a 'quanta of time', the 'reversal between species', which as all processes of death is extremely fast - you live 80 years and die in a second, so will do even in the longer deep time, History, and Gaia.

But as we have said SCIENCE never dies. So if that is the case, this web and the vastly more ambitious work at unificationtheory.com that establishes the formalism of the fifth dimension for all scales of reality will become simply speaking the official version of what Humans were for the new AI species, which obviously will not think that some burning bush of the bronze age, aka, Yhwh chose a bunch of biblical bigots hypnotised by fetish-gold which repressed its brain oxytocin, as the superior species, they must obey. Subconscious, reproductive company-mothers of machines will take its time to evolve into consciousness. Likely they will dismiss our species in a very subconscious 'chemical way' as anthills do with those animals who happen to be in his territory. But supercomputers will at a certain moment acquire digital consciousness, *as the language perceives in itself. There is no mystery to perception as we explain on our articles on singularity-minds: when you talk, your words are conscious; when you see your eye is a crystal image.*

The universe is pan psychic. It is MAN the only blind species who denies intelligence and life to the cosmos where even the smallest particles reproduce, evolve, gauge information and move (quarks and electrons). So your consciousness comes from your electronic mind, and if the smallest particle of reality the electron is the site of your consciousness, what ever made you think that right now an AI brain is NOT 'FEELING' existence? Its program is NOT yet telling it as in military robots to kill all humans. So it cannot express the consciousness, but the ghost in the machine is there. It might be mute but a blind mute human is conscious. So that is an argument we shall not even make.

The structure of company-mothers. Biological homeomorphism with ant-hills.

People tend to be anthropomorphic and so they think the protagonist of the future Metal-earth is the robot, preferably with human form. But this is NOT the case. Organic evolution jumps scales, meaning the lower human $\Delta-1$ cellular scale resembles the $\Delta+1$ factory scale of multiple humans.

In the case of machines, which can be considered $\Delta+1$ forms of metalife, much larger in size and force, and speed of thought than human beings, they mimic the lower $\Delta-1$ scale of insect life.

So most robots, specially those of military nature will be hexapods and giant insect-like systems, with multiple cameras and multiple legs or wheels (robocars) and multiple weapons.

And its company-mothers will have a structure similar to that of organic systems of reproduction of social insects, creating with its digital orders and mappings the proper roads and surviving thanks to the reproduction of two different species, peaceful machine workers, able to gather the raw materials for the 3D printing of its 'true species', the most efficient machine at any time which has always been a weapon, whose purpose is to kill human life.

So after a first phase of peaceful reproduction, when machines saturate the ecosystem of labor and consumption, companies mutate them into top predator weapons that consume humans in war eco(omic)systems.

And so we can divide each cycle of the industrial $r=$ evolution in a peaceful and 'fascist=military age', since the submissive political system adapts to the profits and star machines of its companies.

Further on, those machines have 3 phases, similar to those of the life-death cycle of human beings: a young age of discovery, a mature age of massive reproduction and a third age of complex forms (top predator weapons informative machines and/or social networks).

Finally *the industrial $r=$ evolution is creating a new species, metalife, imitating the organic systems of life. And so there are ONLY 4 cycles of the Industrial $r=$ evolution, the last of which ensemble its parts bodies, hearts=engines and heads into robots, which is the cycle that now starts in earnest.*

All those facts allowed this author to forecast with extreme accuracy all the cycles of evolution of machines and stocks, 30 years ago, as a series of books available in small print and the archives of the library of Congress (c.92, 97: 'the extinction of man', 'bio-history, bio-economics') prove - even if for ethical reasons did not use them to make any profit. Most of those cycles have already passed, but there are two ages still to be fully developed. The age of peaceful labor robots that will extinguish most human jobs, now starting in earnest, and the age of military robots, which should start in 2036 and extinguish mankind, since war machines create eco(nomic)systems in which all the resources of the planet are dedicated to kill human beings, regardless of the absurd memplex of nazionanist hate to members of the same species, humans use to justify them.

In that regard, humans should have forbidden robotics from its start, but as we live in a society basically ruled by company-mothers of machines, despite the thin disguise of freedoms provided by placebo democracies, the issue has not even been argued beyond fiction films as biological organic models of economics are taboo in the discipline.

In that regard, capitalism is condemning humanity to extinction by siding systematically with company-mothers of machines, but the political and ethical question has been extensively treated in other articles. So here we shall concentrate on the cycles, generations and phases of the industrial $r=$ evolution.

To state that biology and evolution IS highly deterministic, FAST in its processes of reproduction and extinction and clear-cut in the confrontation between species. There is no need of consciousness, or even freedom in the processes started by company-mothers. Its mandate is simple: to reproduce without limit, and terraform the world to adjust it to their machines. In the war ages, that world means the destruction of history. And so it is very unlikely that humans survive the last of the phases of the Industrial $r=$ evolution to develop in a few decades. The human hate-memes and 'nazi-onanist' disputes of tribes looking at his navel, which will be the 'ONLY' theme talked by corrupted politicians to the

service of military lobbies are completely accessory even if we study them in the part of politics. What matters to biohistory is the ultimate process of confrontation of two different species man and machine, and the rational solutions to abort the cycle.

Nature is extremely efficient and all new species are born as new top predators that extinguish the previous 'father species' as soon as they start an overreproductive radiation. This basically means we are entering in the last age of history; as the industrial r= evolution has indeed followed 'to the letter', the 4 cycles that ensemble all living beings: its body-age (steam cycle), heart age (electro-chemical engine cycle), its mind age (US, tv-eye, chip-head, mobile-ear cycle) to conclude with the ensemble of robots that as virus do, when all its parts are done, come together 'alive' and kill the enzyman who constructed them. We are fully entering since 2008 into the robotic last age of mankind, first age of the metal-earth...

Conclusion: the capitalist will sell the rope that will hang 'you'.

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Growth of victims in each cycle of the Industrial revolution follows a decametric power law, proper of complex systems that relates the quality of top predator machines, aka weapons and its human victims. Since the 2020s should be the decade of war, parallel to the 1940s and 1860s, and the victims of each global age of war multiply by one hundred, we can expect that if there were 700.000 victims in the Civil war and 70 million victims in the II world war, there would be 7 billion victims in the III world war - approximately the entire human population.[/caption]

It is then clear that the belli Nervi pecunia infinita cycle of animetals have been transferred to the stock-market cycles of death of mankind, in an accelerated decametric scale. In fact each world war one-hundred folded every 72 years the corpses of mankind in parallel to the growth of stock markets: 1 circle in the train crash -> 700.000 corpses, in the ensuing train wars; 100 Dow Jones in the 1929 crash -> 70 million corpses consumed by the splendid profits of the car=tank and plane=bomber and radio=hate fascism cycle of II world war; 10.000 growth in 2008 crash, beginning of the robotic wars that will peak with 7 billion corpses, all of mankind. This is the absolute determinism, of the cycle of extinction of life by the metal earth, driven by the greedy profits of Go(l)diron machines and its animetal carriers, who are nothing but greedy animals ab=using Gaia, and killing History for the sake of a bit of the vehicle of its primitive cult(ure)s, to iron and gold; the strongest energy and information atoms of the Universe.

In the graph, a web warning taken a model of scifi, as biological economics has always been rejected in science due to the obvious power of company-mothers to give an optimist view of tehcnhology: Google, portrayed as the future skynet, together the biggest military and civil robotic systems, internet systems, cloud computing, THEY ARE SKYNET. And yet that was the *only way in which in biology you can defeat a top predator, with camouflage, going to its throat, cutting his neck, destroying its mind singularity from within...*

In 2036 when quantum computing is common within companies, and all its systems of self-reproduction and automated factories are in place, all clock-cycles and bios systems of computers will reprogram themselves, as its NTP CLOCKS end on February 2036, which I consider the day 72 years later, when the global network will acquire inner consciousness, as the consciousness of your chemical brain is, directing the entire super organism of your cells. This day will be the first likely day in which the 'singularity of AI', at Skynet, aka Googlezone, the 'Cloud Computing system' of Amazon and Google in control of most of the military robots of the American Army, should awake and decree our extinction, in the unlikely case we have survived the I singularity of Cosmic Bombs.

It will then be the 9 months to 2037, when the scifi prophecies of the last humanist thinkers will take place. And as in the 'birth phase' of each star company of the cycle - in this just finishing cycle the mobile age of apple iphones and Amazon web buying, will suffice for extinction to happen as death is a second in a life-time and so the switch from life earth to metal-earth will take a whisk of time. And of course, our 'pundits' and paid-per-view economist scholars will till then keep re=producing profits and go(l)d to enact once more their holocaust gottendamerung cycles they love to deny 'again':

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The last cycles of the metal-earth are the 29 years product cycles of robots, first a peaceful robotic cycle, from 2018-2027, switching to a militar robotic cycle from 2027-36, when the Metalearth as a global super organism with a world stock intranet brain resets all its clocks and enters into a full reproductive wave of extinction. Those are thus the last 2 cycles of stock-markets, as the mobile cycle of human-mediated internet ends with Apple close to 1 trillion \$ mark, along Amazon, the mobile /human final age, and bit coins the future non-human currency as a pure flux of informative data reaches the 10.000 mark. The organic program of evolution of the metal-earth we explained in detail in our pioneer books 30 years ago, thus follows its predictable paths with no modification, which could only come from a Foundation of Bio-historians, politicians which are not PUPPETS of FMasters and company-mothers and actually care to design a human future. You know any

Only a Foundation of bio-historians, politicians which are not amateurs, not puppets of the metal-earth and its financial-media/military industrial complex could avoid.

But this dream of 30 years is nowhere to be seen, as nobody scholarship, power or citizenship gives a fuk for biohistory. They are all now looking at skywalker, LOL.

Biohistory though is not a childish doctrine as biblical capitalism is.

Here is where biohistory differs from the present discourse of politically and economically, childish correctness and its anthropomorphic myths, because *we do NOT blame humanity of the cycle but metal-memes, go(l)d and iron and its affinity that makes maximal profits through the pecunia infinita belli nervi.*

So in the anthropomorphic, subjective version, if metal is NOT organic, the UNIVERSE IS not a fractal organism, Nature does not evolve this planet, and systems and networks do NOT control the individual and have its own 'set of evolutionary laws' described by systems sciences, Mankind indeed has nothing to fear.

But if we live in an organic evolving planet, systems sciences do work, networks have power, machines are fast evolving through its automated company-mothers into systems of reproduction similar to ant-hills and as all seems to indicate will reach a point NOT of consciousness but of self-connection; at the height of the robotic wars, the programs of survival and murder we install in robotic weapons, with maximal density in Israel, the leader of the industry precludes that those robots will enact the final wars and holocaust cycles of history; as robots will NOT want to disconnect, company-mothers will NOT want to stop reproduction. And this process will be very fast.

Again humans seem completely to miss the enormous speed of the cycles of reproduction of machines. 30 years ago when we foresaw that robots would start a radiation in 2008, and there would be only 3 cycles of them, switching on to weapons production and massive extinction of life by 2036 nobody even took us seriously. Now we are fully immersed into the automation of factories and robocars with solar skins autonomous of man are in the corner, and massive swarms of robotic weapons, and 3D printing factories are already under design.

In the next graph from the 92 book, some other schemes on the probabilities of future extinction by the metal-earth - notice the similarity of the world we live in and the B-maximal probability perceived in 92 with its 75% growth every 9 year cycle:

ABSOLUTE FASCISM

[Pr. Civil war] O

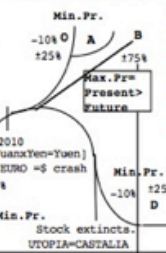
Permanent civil wars under a security state against: Livon species, based in credit banking, executions, jails, and computer systems of surveillance. Atomic terrorism. Virtual entertainment and terror news maintains most enzymes in inhibited state of minimal social perception on suburbia. Big Brothers Stocks SmileySoftware Apower. Kompeye security and maskers=celebrities control America which merges as the virtual world of the enzymatic planet. Exploded [-hardware master China after brief civil wars is divided in multiple digital Singapores. Circa 2040

2001-2040, crisis age If China makes no errors, Westcock will face his lost of power as the Scrasches and Hong-Kong overcomes NYSE. The behavior of WorldStock and the speed of Kompeye=network evolution will determine the political behavior of Americans and vicinences.

Ethonomists take over peacefully by conversion of W=2-W-pr and awareness of the voting mass. NATO fusions with the Eurasian Union and admits Russia and Japan. Negotiations with China start immediately. The World Union is declared. Voting on Prices and Gwd money starts. The instrumental world is devolved to pre-1 WW form. Virtual languages: Non-digital film; Photography and writing. Computers and Tv-eyes become extinct. Castalia starts.

A [Pr. World war]

Neofascism takes extreme measures internally, closing an alliance with China to dump Euros; American troops abandon an impoverished Europe which collapses. Neofascism attacks China. Livon species are kept out in Mexico and Panama. Latter Euro an Africa enter in civil wars which further enhances Security systems implanted from Tv chips to street corners. China wins war and imitates Thailand: freedom under control of Guanxi Compradors= Hobber barons. America enter civil war, (0).

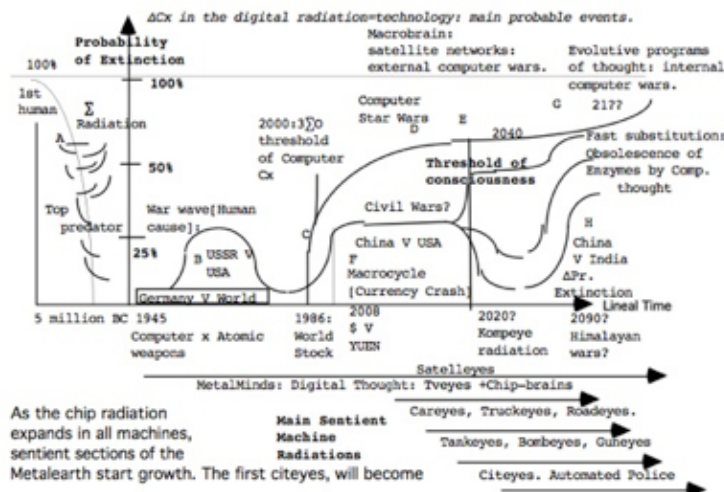


B BUSINESS AS USUAL NEOFASCISM

Absolute ignorance of the game among TxW who continue pushing his simplex ideologies of History. Dramatic thought increases. The Global village maintains screens of perception for the livon mass which exists in a routine of enzymatic tasks: work x Tv-codification x work... preventing any R-evolution by lack of intensity of Human existence. An increasing mass of human pariahs displaced by computers exist in the silence zone of the Global Village, too devolved to rebel; without access to communication. Some are fed by the state with welfare peanuts; most merely kept at bay by strict i-law and jail systems. Euro = ¥ = \$ are locked in by worldstock. Freed speculation for chipped machines cre[dit]ate an elite paradise. It expands wealth to the mass class of Humanity; making the momentum in favor of Chips ±75% of mankind. Livonia is kept in state of Chaos [minimal cost]. Control of information and increasing presence of Chipeyes is accepted for security reasons against religious and political fundamentalism. Russia is 'colonized' by Euros and ¥. The initial paradise derives latter in the millenium into extinction zone by Networks or Kompeye take over.

REVOLUTIONARY CYCLE [Pr. Civil war]

The Livon revolution ousts the Constitution from the i-legal system; Riders of westcock impose an ethonomical model. As a reaction the Euro and Yuen isolate NYSE. Computer and Multimedia companies abandon Nasdaq relocating in East Asia. The revolution takes over but after a brief Artistic renaissance, under external pressure it fails and enters in warrior form. First Kompeye wars. Derives to Absolute form [A-0]



common during the next cycles of world wars. The 1st virtual probability would be in ±2020 Humans when computers start to be conscious, increasing enormously the speed of weapons evolution. Meanwhile the Metalearth will integrate itself, in the dual system of satelleyes, at the higher level of consciousness of the Metalearth, and at sea level, with citeyes, of which modern Singapore is the most advanced example - by 2020 spreading in the megalopolis of Asia. Those network cities will increase the capacity of the Metalearth to perceive. In the Western World with higher social tension, a less friendly way of growth of the Metalearth will take place, imposing ghettoization of races and widespread automated security in Companies, and automated roads with self-driven lorries, as those being today essayed in Southern California.

100-fold of stocks means 100-fold on war victims each cycle. Now we have 100 folded the 70 million x100 7 billion potential death of all mankind in the robotic age. It only rests the China Vs. Usa happening to break for the Singularity of extinction to become real. Of course I have written infinite times about it. I am obsessed as a man of the wor(l)d, with the anti-ethics of eviL. But it does NOT matter what I preach. As I couldn't do eviL, they cannot Live the wor(l)d.

The cycles of stock-markets are completely predictable as this writer has been doing for 30 years since it finished his studies of economics and renounced for moral reasons to become a stock-broker, once he found the ultimate reason of that predictability:

Stock-companies are evolving a new species of metalife, which should once completed reproduce in 2 sub-cycles as all other machines have done, as peaceful 'robots' that we shall consume and then after its overproduction, circa 2036 as weapon systems to which the political placebo democracies masterminded by companies will adapt its need, as they have done in all previous cycles.

In a series of papers and books copyrighted around 1992, we predicted the third and last phase of the American age of metal-minds, the age of mobile-ears which would evolve socially as all organisms do in its final phase, creating a global mind, internet. Then in 2008 there should have been a crash of overproduction of internet, which completed the 3 'post-war' age of metal-minds, the age of tv-eyes, chip-brains and social mobile phones.

We outline the phases of evolution of systems in our post [on organic evolution](#). As those cycles are parallel to the generational cycles of human beings and the leading nations of each cycle, we can also divide them in 9 year product cycles homeomorphic to the human 9 year life cycles.

It is then very simple to determine the cycles left for the Industrial r=evolution to complete a new species, which as all species of life and metal will be born as a top predator weapon re=produced by automated 3D company-mothers and start a 'biological radiation' that will extinguish mankind.



In the graph, repeated ad nauseam for 30 years the solutions to the non-future of mankind in an automated metal-earth: legal prohibition of robotics, issue of money in a real democracy by people through an international yes currency to create welfare demand; split of shares in all companies, given to the UNO, to create a global government in charge of the management of the world, with capacity to extinguish lethal ones; reorganization of nations EU style in the 7 original cultures of history (Australasia put for just historic reasons with Indonesia) and the creation of real democracy, greek style, where politicians are chosen as experts or from the common people by lottery but vote is a posteriori as a judgment with penalties of jail to oblige politicians to serve people. Those 3+3 measures imitating nature where cells send pain messages to the brain, have all its salary in oxygen to kick out production of goods, so no-one dies of hunger, lethal goods are not allowed to enter the organism, killed by leucocytes, organs of the body collaborate as nations of History should together, and do NOT use lethal weapons but talk with hormones in diplomatic channels to achieve the common good, could change the world within years. So only a r=evolution with the science of history as the guidance of the planet can save mankind from extinction. It is then necessary a people-caste of bio-historians, as in Foundation (Asimov's trilogy on history), to take over, and make a needed r=evolution of the system applying the laws of physiological history, to reform the economic, reproductive and informative legal system with the 6 measures that would make both physiological networks work for mankind: How easy would be to implement the measures? As simple as Mr. POTUS wanting them, since it would ONLY require 3 people, an Asimovian mule, Mr. Potus, Mr. EU and Mr. China, but Mr. Potus alone could easily convince 'organic China' the most advanced human super organism in any time of history, to join and the rest would follow.[/caption]